

Set	Items	Description
S1	264	AU=(JORASCH J? OR JORASCH, J?)
S2	2890	AUCTION?
S3	3136	BIDS OR BIDDED OR BID OR BIDDING
S4	3144	PROXY OR PROXIES
S5	1275902	BEHAVIOR? OR BEHAVIOUR? OR HABIT? OR TRAIT? ? OR CHARACTER?
S6	49471	RULE? ? OR POLICY OR POLICIES OR GUIDELINE?
S7	1844539	BIDDER? OR CONSUMER? OR CUSTOMER? OR USER? OR MEMBER? ? OR PEOPLE OR CLIENT? OR SUBSCRIBER? OR PARTICIPANT?
S8	0	S1 AND (S2 OR S3)
S9	43	S3(20N)S5
S10	32	S3 AND S2 AND S6
S11	101	S3(5N)AUTOMATIC?
S12	5	S11 AND (S5 OR S6)
S13	68	(S9 OR S10 OR S12) AND IC=G06F?

? show file

File 344:Chinese Patents Abs Aug 1985-2004/Mar

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File 347:JAPIO Nov 1976-2003/Dec(Updated 040402)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200429

(c) 2004 Thomson Derwent

File 371:French Patents 1961-2002/BOPI 200209

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13/5/1 (Item 1 from file: 344)  
DIALOG(R)File 344:Chinese Patents Abs  
(c) 2004 European Patent Office. All rts. reserv.

4253826

**UNIVERSAL ELECTRONIC INFORMATION NETWORK AUTHENTICATION SYSTEM AND METHOD**

Patent Assignee: HAN MENGYI (CN)  
Author (Inventor): MENGYI HAN (CN)  
Number of Patents: 000  
Patent Family:

CC	Number	Kind	Date
CN	1283827	A	20010214 (Basic)

Application Data:

CC	Number	Kind	Date
*CN	2000123530	A	20000818

Abstract: A universal authentication system and method for electronic information network features use of client/server mode to ensure the network information security. It is characterised by that user accounting plus cipher for authentication, network signature and authentication, transmission of 128-bit random key(s) between users, electronic seal, high-security information sharing, and monodirectional or bidirectional authentication between two users.

IPC: G06F-015/163 ; G06F-013/14 ; G06F-017/30

13/5/2 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07656882 \*\*Image available\*\*  
SALES SYSTEM OF ENTERTAINMENT TICKET

PUB. NO.: 2003-150740 [JP 2003150740 A]  
PUBLISHED: May 23, 2003 (20030523)  
INVENTOR(s): ONOYAMA JIRO  
APPLICANT(s): WHITE LILY KK  
APPL. NO.: 2001-345697 [JP 2001345697]  
FILED: November 12, 2001 (20011112)  
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To increase the profit of a sponsor and to reduce behaviors like 'illegal ticket-brokers' of a third party as the result of enabling a customer to select a drawing system or an **auction** system by his/her own will.

SOLUTION: In the sales system of entertainment tickets by which a server provides entertainment tickets to customer terminals by using a communication network, the server is provided with an entertainment information transmission function for transmitting the entertainment information stored in an entertainment information DB, an application procedure transmission function stored in a purchase procedure information DB and transmitting purchase information that there are selection manners of the 'drawing system' and the '**auction** system' about application for the entertainment tickets on the display screen of a customer terminal, a prize-winning probability transmission function for transmitting prize-winning probability information obtained based on a prize-winning probability **rule** with the total number of applications and the number of selling tickets as reference to applicants to participate in an **auction** place, and a prize-winning information transmitting function which performs

drawing by a drawing means to the applicants selecting the drawing system, makes a successful **bidding** by a successful **bidding** means to the participants selecting the **auction** system, and transmits information of successful **bidding** to the successful **bidding** person and the prize winner.

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13/5/3 (Item 2 from file: 347)

DIALOG(R)File 347:JAPIO

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07564899 \*\*Image available\*\*

METHOD, DEVICE AND PROGRAM FOR AUCTION, AND MEDIUM WITH THE PROGRAM RECORDED THEREON

PUB. NO.: 2003-058740 [JP 2003058740 A]  
PUBLISHED: February 28, 2003 (20030228)  
INVENTOR(s): YOKOO MAKOTO  
SAKURAI YUKO  
APPLICANT(s): NIPPON TELEGR & TELEPH CORP (NTT)  
APPL. NO.: 2001-246401 [JP 2001246401]  
FILED: August 15, 2001 (20010815)  
INTL CLASS: G06F-017/60 ; G06F-017/10

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a method, a device and a program for auction and a medium with the recorded thereon program by which the incentive compatibility is guaranteed even when not only a bid price but also the **characteristic** value of a bidder are considered.

SOLUTION: On the basis of the name of a bidder contained in received **bid** data, the **characteristic** value of each bidder is acquired from a **characteristic** storage device previously storing the **characteristic** value showing the credit or the like of the bidder (s4), the evaluation value of each bidder corresponding to an object article is respectively calculated on the basis of the **bid** price and the **characteristic** value, and the bidder of the smallest evaluation value is determined as a successful bidder of the object article (s5). When a minimum value in the evaluation values of respective bidders except for the successful bidder is equal with the evaluation value of the successful bidder, the bid price of the correspondent successful bidder is determined as an amount of reward to the successful bidder (s6).

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13/5/4 (Item 3 from file: 347)

DIALOG(R)File 347:JAPIO

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07429467 \*\*Image available\*\*

JOINT PURCHASE AND BID MATCHING SYSTEM

PUB. NO.: 2002-297977 [JP 2002297977 A]  
PUBLISHED: October 11, 2002 (20021011)  
INVENTOR(s): DOMICHI MINORU  
APPLICANT(s): NET COM KK  
APPL. NO.: 2001-139334 [JP 2001139334]

Bode Akintola13-May-04

FILED: April 02, 2001 (20010402)  
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide an intermediary system **characterized** in that it introduces a seller by a means of **bidding** to common consumers trying to purchase a commodity by a procedure of joint purchase on the Internet.

SOLUTION: A registered consumer identified by a registered consumer authenticating means 11 using a home page of a management center 4 as an interface posts a commodity desired to purchase by a joint purchase posting means 14, invites joint purchasers, and posts a start price. A joint purchase participation applicant browsing this ID finished in registration and participates in the joint purchase. When joint purchasers reach capacity, registered sellers identified by a registered bid seller authenticating means 13 start a bid by a bid managing means 15 and a bidding situation is posted real time on the home page of the management center 4. A seller presenting a minimum price within a specified period wins the bid, and information is sent to the registered consumer, joint purchasers and the winning seller by a joint purchase/bid matching means 16.

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13/5/5 (Item 4 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07383042 \*\*Image available\*\*  
PORTABLE INFORMATION TERMINAL, INVERSE AUCTION OFFER SERVER, INVERSE AUCTION PARTICIPATION DEVICE, AND INVERSE AUCTION OFFER METHOD

PUB. NO.: 2002-251542 [JP 2002251542 A]  
PUBLISHED: September 06, 2002 (20020906)  
INVENTOR(s): TERAJIMA KOJI  
APPLICANT(s): MITSUBISHI ELECTRIC CORP  
APPL. NO.: 2001-049296 [JP 200149296]  
FILED: February 23, 2001 (20010223)  
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To solve the problem that a customer can participate in an auction to buy a commodity, however he cannot buy the commodity unless he presents the highest **bidding** price among the participants of the auction, contrary to a **behavior** buying the commodity from a shop presenting the lowest price.

SOLUTION: The customer transmits the name of the purchase desired commodity and the retrieval range of shops to an inverse auction offer server 4. When receiving a report of shops capable of participating in an inverse auction from the inverse auction offer server 4, the customer accepts the selection of shops allowed to participate in the inverse auction and reports the shops allowed to participate to the inverse auction offer server 4.

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13/5/6 (Item 5 from file: 347)  
DIALOG(R)File 347:JAPIO

Bode Akintola13-May-04

(c) 2004 JPO & JAPIO. All rts. reserv.

07321398      \*\*Image available\*\*  
CREATIVE ARTICLE PURCHASE SUPPORTING SYSTEM AND METHOD

PUB. NO.:        2002-189885 [JP 2002189885 A]  
PUBLISHED:      July 05, 2002 (20020705)  
INVENTOR(s):    TAMAMURA SEIICHIRO  
                 TAMAMURA HIDEKI  
                 MATSUMURA SHIGERU  
                 KURIHARA TAIGA  
APPLICANT(s):   SOKEN KK  
APPL. NO.:      2000-389934 [JP 2000389934]  
FILED:          December 22, 2000 (20001222)  
INTL CLASS:     G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To maintain a proper price and to further enhance a satisfaction degree of a user by way of a self-initiative judgment **behavior** by establishing a demand with a self-initiative system of a user side, in a **bidding** system on determining ordering information in advance and performing a transaction for selecting a trader in consideration of the value of an article with a price presented by the trader and a VE proposal. SOLUTION: A supporting server 1 for connecting the user 4 and the trader 6 via a communication network 8 is provided with a system/article data base 2 for storing data for entering a creative article requiring designs and plans and an ordering condition for the creative article and an information data base 3 for collecting information and ordering conditions retrieved from the user 4, preparing a bidding list for the trader 6, collecting bidding registering information including the price for a bidding case distributed from the trader 6 and the VE proposal and preparing information on a bidding state for the user 4.

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13/5/7        (Item 6 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07315022      \*\*Image available\*\*  
COMMODITY SELLING METHOD BY ELECTRONIC COMMERCE SYSTEM

PUB. NO.:        2002-183508 [JP 2002183508 A]  
PUBLISHED:      June 28, 2002 (20020628)  
INVENTOR(s):    TAKAGI IWAO  
                 OGAWA KATSUHIKO  
APPLICANT(s):   NIPPON TELEGR & TELEPH CORP (NTT)  
APPL. NO.:      2000-384981 [JP 2000384981]  
FILED:          December 19, 2000 (20001219)  
INTL CLASS:     G06F-017/60

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a commodity selling method by an electronic commerce system, in which an exhibitor can safely carry out a transaction with a successful bidder having excellent credit information.

SOLUTION: In the commodity selling method by an electronic commerce system, a successful bidder is determined by an **auction** and a commercial transaction evaluation is carried out with respect to the transaction interested party after a transaction action between the exhibitor and the

successful bidder is completed. In the case where a bidder carries out a **bid** lower than the **bid** price of a first candidate of the commodity with respect to the commodity at an **auction** , the system compares the difference between the **bid** price of the bidder and the **bid** price of the first candidate and the difference between the commercial transaction evaluation of the bidder and the commercial transaction evaluation of the first candidate and determines an order at this time, in accordance with **rules** regarding a preference order.

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13/5/8 (Item 7 from file: 347)

DIALOG(R)File 347:JAPIO

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07129582 \*\*Image available\*\*

SAFE **AUCTION** MARKET USING SECURE COPROCESSOR

PUB. NO.: 2001-357252 [JP 2001357252 A]

PUBLISHED: December 26, 2001 (20011226)

INVENTOR(s): PERRIG ADRIAN  
SMITH SEAN W  
SONG DAWN

APPLICANT(s): INTERNATL BUSINESS MACH CORP (IBM)

APPL. NO.: 2001-104762 [JP 2001104762]

FILED: April 03, 2001 (20010403)

PRIORITY: 00 542780 [US 2000542780], US (United States of America),  
April 04, 2000 (20000404)

INTL CLASS: **G06F-017/60** ; G09C-001/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To enable participants to conceal personal information including strategy, resources and further up to the ID as important matter at **auction** and on the market since the main defect that almost all conventional **auction** mechanisms have is that a seller and bidders need to rely on an **auctioneer** .

SOLUTION: **Auction** is carried out. An indication to make **auction** specifications showing a **rule** related to the **auction** effective is received from the **auctioneer** . An **auction** ID related to the **auction** specifications is generated. **Bids** or **bid** strategy connected to the **auction** ID is received from bidders. The received **bids** or **bid** strategy is evaluated in environment which can not be accessed by the **auctioneer** . The result of the **auction** is supplied to the bidders based upon the evaluation.

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13/5/9 (Item 8 from file: 347)

DIALOG(R)File 347:JAPIO

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07084971 \*\*Image available\*\*

METHOD AND SYSTEM FOR CARRYING OUT COMPUTERIZED COMMERCE

PUB. NO.: 2001-312619 [JP 2001312619 A]

PUBLISHED: November 09, 2001 (20011109)

INVENTOR(s): KONDO MASAZUMI ROBERT  
TAKAHATA RYUICHI

Bode Akintola13-May-04

INOUE TAKAHIRO  
KAMOTO AKIHITO  
KAWAMURA TSUTOMU  
APPLICANT(s): RESONANCE CO LTD  
APPL. NO.: 2000-128412 [JP 2000128412]  
FILED: April 27, 2000 (20000427)  
INTL CLASS: G06F-017/60

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a system which are actualized only by a network and carry out computerized commerce while sufficiently making good use of **characteristics** of the network.

SOLUTION: A server which stores homepages for **bidding** and **bid** handling is included and this server sends the homepage for bidding to a bidder which is to plan author business through the Internet and includes a form for receiving bid information needed to put a request to create an author at an auction; and the server receives and publishes the bid information in the home page for bid handling and sends the homepage to an applicant for the request to create the author, the homepage for bid handling includes a form for receiving bid handling information needed for handling the bid, and the server receives the bid handling information and publishes it in a homepage displaying the state of bidding and bid handling.

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13/5/10 (Item 9 from file: 347)  
DIALOG(R)File 347:JAPIO  
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07038412 \*\*Image available\*\*  
METHOD AND SYSTEM FOR APPLYING FOR BIDDING

PUB. NO.: 2001-266046 [JP 2001266046 A]  
PUBLISHED: September 28, 2001 (20010928)  
INVENTOR(s): NISHINO MASAHIRO  
APPLICANT(s): NEC CORP  
APPL. NO.: 2000-075235 [JP 200075235]  
FILED: March 17, 2000 (20000317)  
INTL CLASS: G06F-019/00

ABSTRACT

PROBLEM TO BE SOLVED: To provide a method and a system for **bidding** which readily obtain a pattern of the optimal parts purchase, by not fixing parts **characteristics** specifications so as to increase the number of degrees of freedom of parts selection.

SOLUTION: Bidden parts information is collected from part vendors, by a parts ordering device 2 connected to a network such as the Internet, and a combination of parts which satisfies a reference value of device characteristics is specified by a device characteristics simulator 4 satisfying bidden parts information and device design information, and the specified combination is evaluated by a negotiation device 6 to determine parts to be ordered.

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13/5/11 (Item 10 from file: 347)  
DIALOG(R)File 347:JAPIO

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06948220      \*\*Image available\*\*  
ONLINE SALE COMPETITION SYSTEM

PUB. NO.:        2001-175772 [JP 2001175772 A]  
PUBLISHED:      June 29, 2001 (20010629)  
INVENTOR(s):    MARUTANI MUTSUMI  
                 MIYAHARA KAZUAKI  
APPLICANT(s):   KAWASAKI STEEL SYSTEMS R & D CORP  
APPL. NO.:      11-359941 [JP 99359941]  
FILED:          December 17, 1999 (19991217)  
INTL CLASS:     G06F-019/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To make a price decision acquired by devising the convenience of a bidder and simultaneously considering a procuring process of a seller by performing a **bid** while adapting to the **characteristic** of an object needing a lead time.

SOLUTION: A **bid** object registering device 31 makes an object in the middle of a procuring process an auction object as a virtual stock and registers the object being a bid object in the case of making a bid for the offer of the object needing time for procurement. A various situations storage device 32 stores various situations information including the procurement proceeding situation information on the registered object and a successful bid situation information. A bid object article revealing device 33 reveals the various bid situations information online. A bid receiving device 34 receives a new bid and a change of the bid price that has already been bid even in the middle of a procuring process. A successful bidder deciding device 35 changes successful bidders and updates the various bid situations information within the range of a prescribed condition at any time.

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13/5/12        (Item 11 from file: 347)

DIALOG(R)File 347:JAPIO

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06848553      \*\*Image available\*\*  
INTERNET ELECTRONIC TRANSACTION METHOD

PUB. NO.:        2001-076053 [JP 2001076053 A]  
PUBLISHED:      March 23, 2001 (20010323)  
INVENTOR(s):    TOMOYUKI YASUO  
APPLICANT(s):   TOMOYUKI YASUO  
APPL. NO.:      11-294308 [JP 99294308]  
FILED:          September 07, 1999 (19990907)  
INTL CLASS:     G06F-017/60 ; G06F-019/00

#### ABSTRACT

PROBLEM TO BE SOLVED: To obtain electronic transaction **characterized** by that a price is determined by allowing respective companies to **bid**, on the basis of a minimum purchase amount that a consumer of the Internet presents.

SOLUTION: A consumer 1 registers 4 individual information and a password in a file 3 presented by access to a homepage of an electronic transaction running company 2. The consumer accesses the homepage of the electronic



transaction running company for password verification 6, when necessary and inputs a necessary item 9 to the presented file 8 on condition that the consumer is authenticated 7. The electronic transaction running company e-mails inputted necessary items to respective companies 10, which present bid amounts 11 to the electronic commerce running company. The presented information of the respective companies is e-mailed to the consumer and examined, and the consumer specifies an amount and its company to enter a contract.

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13/5/13 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015734861 \*\*Image available\*\*

WPI Acc No: 2003-797061/200375

XRPX Acc No: N03-639413

**Online goods auctioning method involves determining successful tenderer and highest bid in action based on bid information received from purchaser terminals and auction rule received from seller terminal**

Patent Assignee: TOPIA SYSTEM KK (TOPI-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003303293	A	20031024	JP 2002107766	A	20020410	200375 B

Priority Applications (No Type Date): JP 2002107766 A 20020410

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003303293	A	15	G06F-017/60	

JP 2003303293 A 15 G06F-017/60

Abstract (Basic): JP 2003303293 A

NOVELTY - The **auction** goods information and the purchaser's information transmitted from a server (110), are displayed in purchaser's terminals (120,130,140,141). The server determines the successful tenderer and the highest **bid** in the **auction** based on the **bid** information received from the purchaser terminals and the **auction rule** information received from the seller terminal.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for online goods **auctioning** system.

USE - For online **auctioning** of goods.

ADVANTAGE - Enables for right adjustment between the purchaser and the seller. Enables to maintain the marketing order.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the online goods **auctioning** system. (Drawing includes non-English language text).

server (110)

purchaser terminals (120,130,140,141)

pp; 15 DwgNo 1/9

Title Terms: GOODS; METHOD; DETERMINE; SUCCESS; HIGH; **BID** ; ACTION; BASED;

**BID** ; INFORMATION; RECEIVE; PURCHASE; TERMINAL; **AUCTION** ; **RULE** ;

RECEIVE; TERMINAL

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/14 (Item 2 from file: 350)

Bode Akintola13-May-04

DIALOG(R)File 350:Derwent WPIX  
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015684345 \*\*Image available\*\*

WPI Acc No: 2003-746534/200370

XRPX Acc No: N03-598215

Auction methodology selection method for buyer/seller procurement process, involves determining auction scope, auction iteration, auction control, auction pricing, auction closing rules, for selecting methodology

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: COYNE J P; DAUB H A; FIORE T G; FORTINE M A; KOGUT-O'CONNELL J J; LOWE P K; MICHEL RODRIGUEZ J D J; MORANDIN A; OHSUMI Y; TEN DYKE A C; WU W J; YUSKIS J J; ZULPA P A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030172022	A1	20030911	US 200295237	A	20020311	200370 B

Priority Applications (No Type Date): US 200295237 A 20020311

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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US 20030172022	A1		16	G06F-017/60	
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Abstract (Basic): US 20030172022 A1

NOVELTY - An auction scope, auction interaction, auction control, auction pricing, a set of auction closing rules, and auction iteration in the data processing system are determined. An auction methodology for buyer/seller procurement process is selected, based on any of the determined result.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for program storage device for storing instructions for selecting auction methodology.

USE - For selecting automated auction methodology to be used during request for quotation (RFQ), request for proposal (RFP) or request for information (RFI) process.

ADVANTAGE - Allows suppliers the ability to essentially bid against one another as one would do in an auction setting, thereby reducing cycle times and administrative costs for the buyer, as the buyer would no longer be required to review every bid entered by the various suppliers. The supplier who out bids the various suppliers would simply be selected by the buyer. Assures the buyer that its procurement process is functionally optimal and is saving the buyer resources and money, as it results in an efficient procurement system.

DESCRIPTION OF DRAWING(S) - The figure shows a flow diagram explaining the steps involved in selecting auction methodology.

pp; 16 DwgNo 1/9

Title Terms: AUCTION ; SELECT; METHOD; BUY; PROCESS; DETERMINE; AUCTION ; SCOPE; AUCTION ; ITERATIVE; AUCTION ; CONTROL; AUCTION ; PRICE; AUCTION ; CLOSE; RULE ; SELECT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/15 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015647594 \*\*Image available\*\*

WPI Acc No: 2003-709777/200367

Bode Akintola13-May-04

XRPX Acc No: N03-567365

**Multiple award optimization bidding method for online electronic auction , involves replacing compare value with optimal unit price in generated optimal solution, if optimal unit price is less than compare value**

Patent Assignee: FREEMARKETS INC (FREE-N); ANNAMALAI N (ANNA-I); RAGHURAMAN V (RAGH-I); SMITH C (SMIT-I); SNYDER B S (SNYD-I)

Inventor: ANNAMALAI N; RAGHURAMAN V; SMITH C; SNYDER B S

Number of Countries: 102 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030135444	A1	20030717	US 200247766	A	20020115	200367 B
WO 200360801	A2	20030724	WO 2003US806	A	20030113	200367
AU 2003202286	A1	20030730	AU 2003202286	A	20030113	200421

Priority Applications (No Type Date): US 200247766 A 20020115

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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US 20030135444	A1	16	G06F-017/60	
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WO 200360801	A2 E		G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG ZM ZW

AU 2003202286	A1		G06F-017/60	Based on patent WO 200360801
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Abstract (Basic): US 20030135444 A1

NOVELTY - **Bids** received from suppliers are solicited and the **bids** are validated if the **bids** satisfy a set of **rules** . An optimal solution comprising optimal quantity and optimal unit price, is generated with the validated **bids** . The compare value is replaced with the optimal unit price, if the optimal unit price is less than the compare value.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) multiple award optimization **bidding** system;

(2) machine readable medium storing multiple award optimization **bidding** program.

USE - For multiple award optimization **bidding** in online electronic **auction** .

ADVANTAGE - Enables a buyer to choose the best optimal solution for his particular situation, to purchase lots from suppliers.

DESCRIPTION OF DRAWING(S) - The figure shows the flow diagram of the **bidding** process.

suppliers (30)

pp; 16 DwgNo 1B/6

Title Terms: MULTIPLE; AWARD; OPTIMUM; **BID** ; METHOD; ELECTRONIC; **AUCTION** ; REPLACE; COMPARE; VALUE; OPTIMUM; UNIT; PRICE; GENERATE; OPTIMUM; SOLUTION; OPTIMUM; UNIT; PRICE; LESS; COMPARE; VALUE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/16 (Item 4 from file: 350)

DIALOG(R)File 350:Derwent WPIX

Bode Akintola13-May-04

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015494752 \*\*Image available\*\*

WPI Acc No: 2003-556899/200352

XRPX Acc No: N03-442533

**Computer for financial product transactions displays bid side and offer side information including lists of montage rows comprising respective market participants, prices and routing characters**

Patent Assignee: MCLISTER R (MCLI-I)

Inventor: MCLISTER R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030083976	A1	20030501	US 200127878	A	20011026	200352 B

Priority Applications (No Type Date): US 200127878 A 20011026

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20030083976	A1		11	G06F-017/60	

Abstract (Basic): US 20030083976 A1

NOVELTY - The computer displays a symbol (14) for tradable, bid side (16) and offer side (26). The **bid** and offer sides include lists of montage rows comprising respective market participants, prices and routing **characters**. A routing **character** key in conjunction with a corresponding quantity key define a transaction of specific number of units of a specific tradable with specific market participants at a specific price.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for financial market information processing method.

USE - Computer for transactions of financial products such as stocks, bonds, futures.

ADVANTAGE - Provides significantly quicker order entry times when buying or selling stocks, bonds, futures and other tradable. A single routing character can be used to identify both the desired order destination and the desired transaction price, thereby eliminating the need for an additional step.

DESCRIPTION OF DRAWING(S) - The figure shows the montage window. symbol (14)

bid side (16)

bid market participant (20)

bid price (22)

**bid** routing **character** (24)

offer side (26)

offer market participant (30)

offer price (32)

offer routing character (34)

pp; 11 DwgNo 4/6

Title Terms: COMPUTER; FINANCIAL; PRODUCT; TRANSACTION; DISPLAY; BID; SIDE; OFFER; SIDE; INFORMATION; LIST; MONTAGE; ROW; COMPRISE; RESPECTIVE; MARKET; PARTICIPATING; PRICE; ROUTE; CHARACTER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/17 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015442260 \*\*Image available\*\*

Bode Akintola13-May-04

WPI Acc No: 2003-504402/200347

XRPX Acc No: N03-400551

**Optimal bid determination method in auction, involves estimating structure of market from selected characteristics of market and bidding model, to determine optimal bid**

Patent Assignee: GULER K (GULE-I); LIU T (LIUT-I); TANG H (TANG-I)

Inventor: GULER K; LIU T; TANG H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030093357	A1	20030515	US 2001955264	A	20010910	200347 B

Priority Applications (No Type Date): US 2001955264 A 20010910

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030093357	A1	28	G06F-017/60	

Abstract (Basic): US 20030093357 A1

NOVELTY - A **bidding** model is selected based on the selected **characteristics** of market. A **bid** function is determined to determine optimal **bid**, by estimating structure of the market.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(1) computer readable medium storing optimal bid determination program; and

(2) computer system.

USE - For determining optimal bid for item in market.

ADVANTAGE - Provides automated estimation and optimization solution for selecting best bid in auction.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the automated decision support system.

pp; 28 DwgNo 1/9

Title Terms: OPTIMUM; BID; DETERMINE; METHOD; AUCTION; ESTIMATE; STRUCTURE; MARKET; SELECT; CHARACTERISTIC; MARKET; BID; MODEL; DETERMINE; OPTIMUM; BID

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/18 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015378828 \*\*Image available\*\*

WPI Acc No: 2003-439766/200341

XRPX Acc No: N03-350955

**Reserve price determination method in auction, involves predicting market level based on estimated market structure and estimating rankings of user based on predicted level**

Patent Assignee: CHEN K (CHEN-I); GULER K (GULE-I); LIU T (LIUT-I); SAFAI F (SAFA-I); TANG H (TANG-I); WU R (WURR-I)

Inventor: CHEN K; GULER K; LIU T; SAFAI F; TANG H; WU R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030055773	A1	20030320	US 2001902928	A	20010710	200341 B

Priority Applications (No Type Date): US 2001902928 A 20010710

Patent Details:

Bode Akintola13-May-04

Patent No Kind Lan Pg Main IPC Filing Notes  
US 20030055773 A1 34 G06F-017/60

Abstract (Basic): US 20030055773 A1

NOVELTY - The auction **characteristics** and its relevant **bidding** model are selected and a structure of the market is estimated. The **bidding** performance is predicted based on estimated structure and bidding model. The market level is predicted based on bidding model and estimated structure. The ranking of user is estimated based on predicted level and user's input such as reserve price to determine best reserve price.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) computer system; and
- (2) computer-readable medium storing reserve price determination method.

USE - For determining reserve price of market in auction, through Internet.

ADVANTAGE - Provides automated estimation for selecting the best reserve price.

DESCRIPTION OF DRAWING(S) - The figure shows the content of a database of historical auction data.

pp; 34 DwgNo 11A/15

Title Terms: RESERVE; PRICE; DETERMINE; METHOD; AUCTION; PREDICT; MARKET; LEVEL; BASED; ESTIMATE; MARKET; STRUCTURE; ESTIMATE; USER; BASED; PREDICT ; LEVEL

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/19 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015300434 \*\*Image available\*\*

WPI Acc No: 2003-361368/200334

XRPX Acc No: N03-288547

**Virtual stocking warehouse for bid-transfer transaction and the loaning method thereof - for solving the transferring and storage problem for the bidding process**

Patent Assignee: CHEN Y (CHEN-I)

Inventor: CHEN Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 494335	A	20020711	TW 2000119051	A	20000916	200334 B

Priority Applications (No Type Date): TW 2000119051 A 20000916

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 494335	A		G06F-017/60	

Abstract (Basic): TW 494335 A

NOVELTY - The present invention provides a virtual stocking warehouse for **bid** -transfer transaction and the loaning method thereof, which is applied for a network transaction system, being **characterized** in that: the original seller can sell the good to the bidder through the **bidding** process; the goods for the **bid** will be moved and stored in the virtual stocking warehouse for the bidder

provided by the network service company; then, the goods will be passed between the virtual stocking warehouse of the trader through other bidding process to form the bid-transfer transaction. When the bidding buyer choose to send the bidding goods to a specified location or the period for the stocking of the bidding goods for the original seller is expired, the goods may be moved out from the virtual stocking warehouse of the last bidder. Thus, in the bid-transfer process for the bid-transfer buyer and the bid-transfer seller, it is only necessary to consider the prices, the amount and type of the goods, and it does not have to worry the transferring and storage problem for the bidding goods, and it can further obtain the actual zero-stocking object. Moreover, in the bid-transfer transaction, the trader can also use the loan to extend the financial leverage and increase the sale amount and the circulation speed for the goods.

DwgNo 1/1

Title Terms: VIRTUAL; STOCKING; WAREHOUSE; BID; TRANSFER; TRANSACTION; METHOD; SOLVING; TRANSFER; STORAGE; PROBLEM; BID; PROCESS

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/20 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015237121 \*\*Image available\*\*

WPI Acc No: 2003-298047/200329

XRPX Acc No: N03-236960

**Internet bidding agent system and method - to automatically and periodically place a bid if there is another bidder**

Patent Assignee: INST INFORMATION IND (INFO-N)

Inventor: HUANG W; TSAI T

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 486652	A	20020511	TW 2000124741	A	20001122	200329 B

Priority Applications (No Type Date): TW 2000124741 A 20001122

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 486652	A		G06F-017/60	

Abstract (Basic): TW 486652 A

NOVELTY - A method for proceeding bid agent in an Internet bidding agent system is employed to accept a commitment from a user to participate the Internet bidding. The user connects to the bidding agent system through a linkage of Internet and further inputs the identification information and the bidding information such that the bidding agent system can determine a bid price and generate a next acting time according to the bidding information from the user. If the current time reaches the next acting time for the user, the system will renew the bid price according to the current number of bidders, the current price and the bidding information, and further judge whether or not to **bid** at the renewed **bid** price. The Internet **bidding** agent system in the present invention has the human-like **characteristics** and is able to hold the **bidding** interests of other bidders such that the **bidding** process can last and will not be over too earlier.

DwgNo 1/1

Title Terms: BID; AGENT; SYSTEM; METHOD; AUTOMATIC; PERIOD; PLACE; BID  
Derwent Class: T01

Bode Akintola13-May-04

International Patent Class (Main): G06F-017/60  
File Segment: EPI

13/5/21 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

015222656 \*\*Image available\*\*  
WPI Acc No: 2003-283568/200328  
XRPX Acc No: N03-225451

**Auction method for public construction work, involves calculating evaluation value of each tenderer, based on characteristic value and bid amount of each tenderer**

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003058740	A	20030228	JP 2001246401	A	20010815	200328 B

Priority Applications (No Type Date): JP 2001246401 A 20010815

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2003058740	A	7	G06F-017/60	

Abstract (Basic): JP 2003058740 A

NOVELTY - Evaluation value of each tenderer is calculated based on the **bid** amount and the tenderer's **characteristic** value acquired from a memory based on the tenderer's name included in the **bid** data. Tenderer with the smallest evaluation value, is judged as the successful tenderer.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (1) auction apparatus;
- (2) auction program; and
- (3) computer readable medium storing auction program.

USE - Auction method for public construction work.

ADVANTAGE - Enables **bidding** for the right agreed value for each task and maximizes the profit of each tenderer by considering the tenderer's **characteristic** value.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart explaining the processing profile. (Drawing includes non-English language text).

pp; 7 DwgNo 3/6

Title Terms: AUCTION; METHOD; PUBLIC; CONSTRUCTION; WORK; CALCULATE; EVALUATE; VALUE; BASED; CHARACTERISTIC; VALUE; BID; AMOUNT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-017/10

File Segment: EPI

13/5/22 (Item 10 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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015195609 \*\*Image available\*\*  
WPI Acc No: 2003-256145/200325  
XRPX Acc No: N03-203290

**Market auction format determination method for auction design and**



**analysis, involves predicting and evaluating market outcome based on market structure and bidding behavior**

Patent Assignee: GULER K (GULE-I); LIU T (LIUT-I); TANG H (TANG-I)

Inventor: GULER K; LIU T; TANG H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030018562	A1	20030123	US 2001903075	A	20010710	200325 B

Priority Applications (No Type Date): US 2001903075 A 20010710

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030018562	A1	32	G06F-017/60	

US 20030018562 A1 32 G06F-017/60

Abstract (Basic): US 20030018562 A1

NOVELTY - The structure of market is estimated based on market **characteristics**, and **bidding behavior** is predicted with relevant to selected **bidding** model. An outcome of the market is predicted and evaluated.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

(1) computer system for market auction format determination; and

(2) computer program product for market auction format

determination.

USE - Used in auction design and analysis.

ADVANTAGE - Enables automated estimation and optimization solution for selecting the best auction format.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of automated decision support system.

pp; 32 DwgNo 1/12

Title Terms: MARKET; AUCTION; FORMAT; DETERMINE; METHOD; AUCTION; DESIGN;

ANALYSE; PREDICT; EVALUATE; MARKET; BASED; MARKET; STRUCTURE; BID; BEHAVE

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/23 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015195595 \*\*Image available\*\*

WPI Acc No: 2003-256131/200325

XRFX Acc No: N03-203276

**Price preference policy determination method for auction, involves selecting characteristics of auction and relevant bidding model,**

**estimating structure of auction, and predicting bidding behavior**

Patent Assignee: GULER K (GULE-I); LIU T (LIUT-I); TANG H (TANG-I)

Inventor: GULER K; LIU T; TANG H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20030018515	A1	20030123	US 2001902880	A	20010710	200325 B

Priority Applications (No Type Date): US 2001902880 A 20010710

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20030018515	A1	30	G06F-017/60	

US 20030018515 A1 30 G06F-017/60

Abstract (Basic): US 20030018515 A1

NOVELTY - The **characteristics** of an **auction** and a relevant **bidding** model are selected. A structure of the **auction** is estimated, based on the selected **bidding** model, and a **bidding** behavior is predicted accordingly. An outcome of **auction** is predicted and evaluated, according to the estimated structure.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Computer system; and
- (2) computer readable medium for storing price preference **policy** determination program.

USE - For determining price preference **policy** for electronic forum based **auctions** such as World Wide Web and other Internet based **auctions**.

ADVANTAGE - The preference **policies** are determined with respect to multiplicity of possible evaluation criteria specified by **auction** participants such as sellers, bidders, and end users.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of automated decision support system for **auction** designing.

pp; 30 DwgNo 1/12

Title Terms: PRICE; PREFER; DETERMINE; METHOD; **AUCTION** ; SELECT;  
CHARACTERISTIC; **AUCTION** ; RELEVANT; **BID** ; MODEL; ESTIMATE; STRUCTURE;  
**AUCTION** ; PREDICT; **BID** ; BEHAVE

Derwent Class: T01; T05

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/24 (Item 12 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015176107 \*\*Image available\*\*

WPI Acc No: 2003-236637/200323

**Method for supplying construction bidding information in accordance with qualification classification based on internet**

Patent Assignee: HANBIT NEXGEN (HANB-N); INFO CO LTD (INFO-N)

Inventor: JUNG J U; KIM B H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002082325	A	20021031	KR 200121574	A	20010420	200323 B

Priority Applications (No Type Date): KR 200121574 A 20010420

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002082325	A	1	G06F-017/60	

Abstract (Basic): KR 2002082325 A

NOVELTY - A method for supplying construction bidding information is provided to supply only bidding information corresponded to qualification matter of a necessary field in accordance with a classification of members registered previously by constituting a registration system and an information transmission system adapted to a qualification of a company and an individual.

DETAILED DESCRIPTION - Information is classified according to a construction **bidding**, a purchase **bidding**, and a service **bidding** adapted to a **characteristic** of on an on-line system by analyzing and recognizing **bidding** information of construction business circles. Each **bidding** classification list is classified to the lower stage until detailed area. Thus, only bidding information maximally necessary

for a business enterprise is transmitted. Construction bidding information being inputted to a DB by an operator is stored by dividing items and areas thereof into many portions, and the remainder bidding information is linked. Thus, construction-bidding information may be received and utilized rapidly, exactly, and conveniently.

pp; 1 DwgNo 1/10

Title Terms: METHOD; SUPPLY; CONSTRUCTION; BID; INFORMATION; ACCORD;  
QUALIFY; CLASSIFY; BASED

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/25 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015158362

WPI Acc No: 2003-218890/200321

XRPX Acc No: N03-174400

**Bidding method with multiple quasi-bidding processes before bid opening -  
to help buyers evaluate the next bid price according to the bidding  
information during the process**

Patent Assignee: CHEN Y (CHEN-I)

Inventor: CHEN Y

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 484081	A	20020421	TW 2000119229	A	20000919	200321 B

Priority Applications (No Type Date): TW 2000119229 A 20000919

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
TW 484081	A		G06F-017/60	

Abstract (Basic): TW 484081 A

NOVELTY - The present invention discloses a bidding method with multiple quasi- **bidding** processes before **bidding** opening, in which the **bid** method is typically applied in an Internet transaction system. The **characteristic** of the **bidding** method lies in the adoption of two steps: multiple quasi- **bidding** processes and a final **bidding** process.

DETAILED DESCRIPTION - The multiple quasi-bidding processes are used to select part of buyers, but the unselected buyers can participate the bidding again in the next quasi-bidding process and determine their next bid prices according to the bidding information published in the previous quasi-bidding process. If no buyer participates the bidding after a predetermined number of quasi-bidding processes, then the bidding progresses to the final bidding process, and an award is made to the buyer submitting the highest bid higher than or equal to the predetermined offering price from the seller.

DwgNo 0/1

Title Terms: BID; METHOD; MULTIPLE; QUASI; BID; PROCESS; BID; OPEN; HELP;  
BUY; EVALUATE; BID; PRICE; ACCORD; BID; INFORMATION; PROCESS

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/26 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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015139266 \*\*Image available\*\*

WPI Acc No: 2003-199793/200319

XRPX Acc No: N03-158997

**Auction method in distributed data processing system, involves providing non-price parameter for bidding on items and receiving set of bids based on provided parameter**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: BOIES S J; GREY W; MOSKOWITZ P A; PICKOVER C A; SHI D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020174054	A1	20021121	US 2001859712	A	20010517	200319 B

Priority Applications (No Type Date): US 2001859712 A 20010517

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020174054	A1	10	G06F-017/60	

Abstract (Basic): US 20020174054 A1

NOVELTY - A non-price parameter including quantity, quality, lead time, delivery date, physical distribution **characteristics**, customer demographics or customer location is provided for **bidding** on items. A set of **bids** for the items, is received based on the provided parameter. A winning bid is identified from the received set of bids.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Data processing system; and
- (2) Computer program product for auction method.

USE - For auctioning items in distributed data processing system connected to network e.g. Internet.

ADVANTAGE - Combination of goods or services at fixed rate, are offered by bidding, using several non-price parameters. Thus, additional flexibility in auction is provided.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the data processing system.

pp; 10 DwgNo 2/6

Title Terms: AUCTION; METHOD; DISTRIBUTE; DATA; PROCESS; SYSTEM; NON; PRICE ; PARAMETER; BID; ITEM; RECEIVE; SET; BID; BASED; PARAMETER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/27 (Item 15 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015095820 \*\*Image available\*\*

WPI Acc No: 2003-156338/200315

XRPX Acc No: N03-123425

**Product demand estimate generation method in marketing application, involves removing set of bids except highest bid for product from auction data and correcting bias in auction data**

Patent Assignee: BEYER D (BEYE-I); LIU T (LIUT-I); WARD J A (WARD-I); ZHANG A X (ZHAN-I)

Inventor: BEYER D; LIU T; WARD J A; ZHANG A X

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020161622	A1	20021031	US 2001813907	A	20010321	200315 B

Priority Applications (No Type Date): US 2001813907 A 20010321

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020161622	A1		7 G06F-017/60	

Abstract (Basic): US 20020161622 A1

NOVELTY - A set of bids for a product except the highest **bid** , are removed from an auction data (10). A bias in the auction data produced by a set of **characteristics** of an auction, is corrected.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for product demand estimate generation method.

USE - In marketing/sales applications for setting product prices to achieve desired sales target.

ADVANTAGE - Enables real-time detection of shifts in demands and prices.

DESCRIPTION OF DRAWING(S) - The figure shows a price analyzer.

Auction data (10)

pp; 7 DwgNo 1/4

Title Terms: PRODUCT; DEMAND; ESTIMATE; GENERATE; METHOD; MARKET; APPLY; REMOVE; SET; BID; HIGH; BID; PRODUCT; AUCTION; DATA; CORRECT; BIAS; AUCTION; DATA

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/28 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015079105 \*\*Image available\*\*

WPI Acc No: 2003-139623/200313

XRPX Acc No: N03-110933

**Computer-based automated decision support system, for auction analysis, generates evaluation of auction, using evaluation criteria based on estimated unknown elements of market structure and predicted bidding behavior**

Patent Assignee: CHEN K (CHEN-I); FINE L R (FINE-I); GULER K (GULE-I); KARP A H (KARP-I); LIU T (LIUT-I); SAFAI F (SAFA-I); TANG H (TANG-I); WU R (WURR-I); ZHANG A (ZHAN-I)

Inventor: CHEN K; FINE L R; GULER K; KARP A H; LIU T; SAFAI F; TANG H; WU R ; ZHANG A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020174052	A1	20021121	US 2001858251	A	20010515	200313 B

Priority Applications (No Type Date): US 2001858251 A 20010515

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020174052	A1	18	G06F-017/60	

Abstract (Basic): US 20020174052 A1

NOVELTY - A predictor predicts **bidding behavior** of bidders, based on the estimated unknown elements of market structure and **characteristics** of an auction. An optimizer generates an evaluation of

auction, using an evaluation criteria based on the estimated unknown elements of the market structure and predicted **bidding behavior** . The optimizer selects best auction design candidates from the generated auction.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for computer-implemented automated auction analysis method.

USE - For designing and analyzing auctions.

ADVANTAGE - Allows auction design decisions to be adjusted dynamically for specific situations and enhances sales promotion.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart of operation of a data selection module in the support system.

pp; 18 DwgNo 5/10

Title Terms: COMPUTER; BASED; AUTOMATIC; DECIDE; SUPPORT; SYSTEM; AUCTION; ANALYSE; GENERATE; EVALUATE; AUCTION; EVALUATE; CRITERIA; BASED; ESTIMATE ; UNKNOWN; ELEMENT; MARKET; STRUCTURE; PREDICT; BID; BEHAVE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/29 (Item 17 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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015066859 \*\*Image available\*\*

WPI Acc No: 2003-127375/200312

**System and method for offering auction service by using character**

Patent Assignee: LEE S M (LEES-I)

Inventor: LEE S M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002071350	A	20020912	KR 200111476	A	20010306	200312 B

Priority Applications (No Type Date): KR 200111476 A 20010306

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002071350	A		1	G06F-017/60	

Abstract (Basic): KR 2002071350 A

NOVELTY - An auction service system and method is provided to enable an auctioneer or a bidder to select a character and to display the selected character on a desired auction space so that it makes the auctioneer or the bidder feel like a real world auction environment and activates an auction progress.

DETAILED DESCRIPTION - The method comprises steps of authenticating an accessing auctioneer(S310), displaying plural characters stored at a database for enabling the auctioneer to select one character(S315), enabling the auctioneer to register the selected character(S316), enabling the auctioneer to input detailed data on a commodity to be auctioned(S320), storing the input data and registering the commodity(S330), enabling the auctioneer to select an auction space model and display the auction space model over a web browser(S340), registering the auction space model connected to data on the commodity stored at the database(S350), authenticating an accessing bidder, enabling the bidder to select one character among the characters stored at a database, enabling the bidder to register the selected character, displaying a list of commodities to be auctioned, displaying detailed data if the bidder selects one commodity among the list, displaying a scene of the auction space model with the bidder's selected **character** if the bidder pushes an auction participation button, enabling the

bidders to offer a price, and determining a **bid** winner to offer the highest price.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; OFFER; AUCTION; SERVICE; CHARACTER

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/30 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014968117 \*\*Image available\*\*

WPI Acc No: 2003-028631/200302

XRPX Acc No: N03-022486

**Advertising opportunities selling method, involves updating user's bid account according to auction rules and conditions of campaign specified by winning bidder**

Patent Assignee: DETERING D (DETE-I)

Inventor: DETERING D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020116313	A1	20020822	US 2000737018	A	20001214	200302 B

Priority Applications (No Type Date): US 2000737018 A 20001214

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020116313	A1	9	G06F-017/60	

US 20020116313 A1 9 G06F-017/60

Abstract (Basic): US 20020116313 A1

NOVELTY - Competing **bids** of all participating advertisers (110) to reach a same user (111-117) with an advertising message are stored in the user's **bid** account. Advertising message with the highest **bid** each time is determined and the winning advertiser is billed for calculated due fee. The user's **bid** account is updated according to **auction rules** and conditions of campaign specified by winning bidder.

USE - For selling advertising opportunities.

ADVANTAGE - The number of computing operations required for each advertising message at the very moment of its occurrence, is minimized.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of **auction** environment.

Advertisers (110)

Users (111-117)

pp; 9 DwgNo 1/4

Title Terms: ADVERTISE; SELL; METHOD; UPDATE; USER; **BID** ; ACCOUNT; ACCORD;

**AUCTION** ; **RULE** ; CONDITION; CAMPAIGN; SPECIFIED; WINNING

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/31 (Item 19 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

014858828 \*\*Image available\*\*

WPI Acc No: 2002-679534/200273

**System and method for material superiority auction in futures transaction**

Patent Assignee: ADWIN KOREA CORP (ADWI-N)

Inventor: PARK H U

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002034575	A	20020509	KR 200064973	A	20001102	200273 B

Priority Applications (No Type Date): KR 200064973 A 20001102

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2002034575	A	1	G06F-017/60	

Abstract (Basic): KR 2002034575 A

NOVELTY - A system and a method for a material superiority auction in the futures transaction are provided to reduce the risk in futures transaction for a low material superiority manufacturer and purchaser by ranking the contract order depending on the quantity of outbidding.

DETAILED DESCRIPTION - The system comprises a user client(100), the Internet(200), a relay device(300), and a connecting device(400). The user client is a computer connected to the relay device via the Internet and other communication devices such as a cellular phone connected with the Internet. The connecting device is the connecting server of all guarantee insurance companies, and is constituted of a processing unit(310) and a database unit(320). The database unit consists of an operation DB(Database)(321), a user DB(322), an article DB(323), a **bid** result DB(324), a contract DB(325) and an execution DB(326). The connecting device is connected to the relay device, and a user takes out an insurance **policy** through the connecting device. The connecting device is connected with a server of an Internet web site to provide information needed for **auctions**.

pp; 1 DwgNo 1/10

Title Terms: SYSTEM; METHOD; MATERIAL; **AUCTION** ; TRANSACTION

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/32 (Item 20 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014853518 \*\*Image available\*\*

WPI Acc No: 2002-674224/200272

Related WPI Acc No: 2003-844501

XRPX Acc No: N02-533136

**Information providing system for personal assistant system, processes query received from mobile client so that requested information is in format displayable in mobile client**

Patent Assignee: KETONEN J (KETO-I); TALCOTT C (TALC-I)

Inventor: KETONEN J; TALCOTT C

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020107807	A1	20020808	US 2000696558	A	20001025	200272 B
			US 2001271170	P	20010223	
			US 200282495	A	20020222	



Priority Applications (No Type Date): US 2001271170 P 20010223; US  
2000696558 A 20001025; US 200282495 A 20020222  
Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 20020107807 A1 32 G06F-017/60 CIP of application US 2000696558  
Provisional application US 2001271170

Abstract (Basic): US 20020107807 A1

NOVELTY - A mobile client transmits a query containing identification information and security information to a mini-server through a broker. The mini-server processes the query according to **rules** obtained from a database and transmits the information requested by the mobile client in a format to be displayed in a visual display of the mobile client.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for information provision method.

USE - For providing information to mobile client such as personal digital assistant (PDA) through internet for banking, accounting, stock trading, **bidding** in **auction**, online shopping, software downloading, audio/video downloading and streaming, etc.

ADVANTAGE - Provides requested information to the mobile clients securely in a format displayable by the mobile client.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the local assistant system.

pp; 32 DwgNo 1/13

Title Terms: INFORMATION; SYSTEM; PERSON; ASSIST; SYSTEM; PROCESS; QUERY;  
RECEIVE; MOBILE; CLIENT; SO; REQUEST; INFORMATION; FORMAT; DISPLAY;  
MOBILE; CLIENT

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/33 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014795096 \*\*Image available\*\*

WPI Acc No: 2002-615802/200266

**Ec method for construction management on online**

Patent Assignee: ADD ARCHITECTS & ENG CO LTD (ADDA-N)

Inventor: LEE J S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2002023588	A	20020329	KR 200055983	A	20000923	200266 B

Priority Applications (No Type Date): KR 200055983 A 20000923

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
KR 2002023588	A		1	G06F-017/60	

Abstract (Basic): KR 2002023588 A

NOVELTY - An EC method for construction management on the online is provided to secure the excellent technique power by receiving a business proposal and estimate from many relating companies on the online.

DETAILED DESCRIPTION - The method comprises steps of a building owner contacting with a construction managing company formed by an experts group through a question and consulting for a construction, the construction managing company notifying an estimate **bidding** including

Bode Akintola13-May-04

an outline and **character** of business, a participating qualification and a schedule to a bulletin board of homepage(S310), a participating company participating in an electronic bidding format by transmitting the business proposal and estimate to the construction managing company(S320), selecting a successful bidding company by investigating the proposal and estimate according to the standard of bidding and estimation(S330), the successful bidding company contracting with the building owner and the construction managing company after completing a design drawing(S340).

pp; 1 DwgNo 1/10

Title Terms: METHOD; CONSTRUCTION; MANAGEMENT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/34 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014769133 \*\*Image available\*\*

WPI Acc No: 2002-589837/200263

Related WPI Acc No: 2000-338804; 2001-080053; 2001-522234; 2001-557232;

2001-625024; 2002-040740; 2002-040793

XRPX Acc No: N02-468066

**Internet based line item price control method in electronic auction , involves adjusting line item price based on adjustment value calculated using lot bid adjustment value, to minimum line item price**

Patent Assignee: ALAIA M (ALAI-I); BECKER D J (BECK-I); BERNARD A F (BERN-I); HECKMANN D C (HECK-I); KINNEY S E (KINN-I); MEAKEM G T (MEAK-I); RAGO V F (RAGO-I); RENEAU J (RENE-I); ROBERTS F W (ROBE-I); RUPP W D (RUPP-I); STEVENS R G (STEV-I)

Inventor: ALAIA M; BECKER D J; BERNARD A F; HECKMANN D C; KINNEY S E; MEAKEM G T; RAGO V F; RENEAU J; ROBERTS F W; RUPP W D; STEVENS R G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020077959	A1	20020620	US 99252790	A	19990219	200263 B
			US 2001850676	A	20010507	

Priority Applications (No Type Date): US 2001850676 A 20010507; US 99252790 A 19990219

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020077959	A1	15	G06F-017/60	CIP of application US 99252790

Abstract (Basic): US 20020077959 A1

NOVELTY - Line item price adjustment value is calculated corresponding to lot **bid** adjustment value. Based on the calculated adjustment value, the line item price is adjusted to minimum line item price.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Machine-readable medium storing line item price control program;
- (2) Line item aspect control method;
- (3) Computer-readable medium storing line item aspect control program; and
- (4) **Bidding** device.

USE - For controlling price of line item e.g. gear, bearing, appliance, shelf, door handle, corn syrup, sheet steel etc., in

electronic auction e.g. supplier- bidding auction .

ADVANTAGE - By using lot bid adjustment value, the barriers to entry for new potential suppliers are reduced. Thus the buyers are benefited as additional bidders increase competition, and result in better bidding dynamics.

DESCRIPTION OF DRAWING(S) - The figure shows a flowchart illustrating line item bid limit rule implementation.

pp; 15 DwgNo 4/4

Title Terms: BASED; LINE; ITEM; PRICE; CONTROL; METHOD; ELECTRONIC;  
AUCTION ; ADJUST; LINE; ITEM; PRICE; BASED; ADJUST; VALUE; CALCULATE; LOT  
; BID ; ADJUST; VALUE; MINIMUM; LINE; ITEM; PRICE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/35 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014762565 \*\*Image available\*\*

WPI Acc No: 2002-583269/200262

XRPX Acc No: N02-462629

E-commerce business model integration method involves defining number of transaction parties as one to multiple or multiple to multiple based on transaction mechanism and rule

Patent Assignee: WANG S H (WANG-I)

Inventor: WANG S H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020091580	A1	20020711	US 2001757598	A	20010111	200262 B

Priority Applications (No Type Date): US 2001757598 A 20010111

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020091580	A1	24	G06F-017/60	

Abstract (Basic): US 20020091580 A1

NOVELTY - A transaction mechanism creates invitations to bid for group buying/ auction , single party/ auction and bid /group buying auction bidding . A transaction rule is created based on the mechanism for closing, opening and announcing of the bids . A number of transaction parties is defined as 1-N or N-N based on the mechanism and the rule .

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for transaction platform for integrating e-commerce business model.

USE - Used for integrating e-commerce business model.

ADVANTAGE - One to multiple transaction and multiple to multiple transaction are provided effectively. The business model can be chosen based on the real market conditions. A fully competitive marketing environment is provided. A fair, open, high efficiency and low cost transaction is provided by the simplified business model.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating the e-commerce business model integration method.

pp; 24 DwgNo 1/12

Title Terms: BUSINESS; MODEL; INTEGRATE; METHOD; DEFINE; NUMBER;  
TRANSACTION; PARTY; ONE; MULTIPLE; MULTIPLE; MULTIPLE; BASED; TRANSACTION  
; MECHANISM; RULE

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60  
File Segment: EPI

13/5/36 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014706966 \*\*Image available\*\*  
WPI Acc No: 2002-527670/200256  
XRPX Acc No: N02-417711

**Computer implemented method of price discovery for commodity having one or more characteristics by receiving bid from at least one of vendors for one or more specifications of demand set, storing all received bids and their analyzing**

Patent Assignee: ZEBORG INC (ZEBO-N)  
Inventor: AIVAZIS K A; DAU H  
Number of Countries: 098 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200243303	A2	20020530	WO 2001US43406	A	20011121	200256 B
AU 200228613	A	20020603	AU 200228613	A	20011121	200263
EP 1360625	A2	20031112	EP 2001989727	A	20011121	200377
			WO 2001US43406	A	20011121	

Priority Applications (No Type Date): US 2000252667 P 20001122  
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200243303	A2	E	39	H04L-000/00	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW					
AU 200228613	A			H04L-000/00	Based on patent WO 200243303
EP 1360625	A2	E		G06F-017/60	Based on patent WO 200243303
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR					

Abstract (Basic): WO 200243303 A2

NOVELTY - A demand set of specifications related to the commodity is received from a buyer. Each specification comprises values for the one or more **characteristics**. The demand set to one or more vendors is provided for receiving a **bid** from at least one of the vendors for one or more specifications of the demand set with storing all received bids. All stored bids are analyzed for identifying a preferred bid for each specification of the demand set.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a computer system for providing price discovery for a commodity having one or more characteristics  
(b) a computer program product

USE - In price discovery in commercial industries where products and services involve multiple specification layers.

ADVANTAGE - Provides buying entities with a pricing and price standardization mechanism that alleviates the necessity of resorting to inferior pricing techniques, such as inexact pricing heuristics, vendor estimators employing blended average pricing, or other third-party transaction-based pricing services. Allows a buying entity to unbundle its price discovery process from its transaction execution process. A buying entity can exploit the advantages inherent in sophisticated

competitive bidding environments, such as the tendency of these environments to yield the most attractive prices available to any given buying entity in the marketplace particularly in comparison to inexact pricing heuristics, vendor estimators or third-party transaction based pricing services.

DESCRIPTION OF DRAWING(S) - The drawing is a flowchart illustrating the use of an embodiment of the present invention to create a PRIVATE RATE CARD.

pp; 39 DwgNo 5/8

Title Terms: COMPUTER; IMPLEMENT; METHOD; PRICE; DISCOVER; COMMODITY; ONE; MORE; CHARACTERISTIC; RECEIVE; BID; ONE; VENDING; ONE; MORE; SPECIFICATION; DEMAND; SET; STORAGE; RECEIVE; BID

Derwent Class: T01; T05

International Patent Class (Main): G06F-017/60 ; H04L-000/00

File Segment: EPI

13/5/37 (Item 25 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014665772 \*\*Image available\*\*

WPI Acc No: 2002-486476/200252

XRPX Acc No: N02-384756

**Machine procurement method involves deducting number of retention equipments from number of required equipments calculated based on machine demand**

Patent Assignee: KOMATSU SEISAKUSHO KK (KOMS )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002157302	A	20020531	JP 2000355806	A	20001122	200252 B

Priority Applications (No Type Date): JP 2000355806 A 20001122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 2002157302	A		9	G06F-017/60	

Abstract (Basic): JP 2002157302 A

NOVELTY - A machine demand is predicted based on market conditions and purchase order. The required number of equipments for the machine are computed based on the machine demand, **bid** tendering information and mechanical **characteristics** of the equipments. The number of retention equipments is deducted from the number of required equipments to perform procurement of the machine.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a machine procurement system.

USE - For procuring machines.

ADVANTAGE - Model of the equipment and number of equipments required by user are estimated correctly.

DESCRIPTION OF DRAWING(S) - The figure shows the outline diagram of machine procurement system. (Drawing includes non-English language text).

pp; 9 DwgNo 1/9

Title Terms: MACHINE; METHOD; NUMBER; RETAIN; NUMBER; REQUIRE; CALCULATE; BASED; MACHINE; DEMAND

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/38 (Item 26 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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014604300 \*\*Image available\*\*  
WPI Acc No: 2002-425004/200245  
XRPX Acc No: N02-334146

Online live auction platform provision method in distributed virtual network, involves receiving response from owner of item for request generated by member of group having similar characteristics and interests  
Patent Assignee: ABRAMS H A (ABRA-I); BARNES M C (BARN-I); CHENG G S H (CHEN-I); GRABER G F (GRAB-I); LINDO J B (LIND-I); WHITE P R (WHIT-I)  
Inventor: ABRAMS H A; BARNES M C; CHENG G S H; GRABER G F; LINDO J B; WHITE P R

Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020032634	A1	20020314	US 2000659215	A	20000911	200245 B
			US 2000752585	A	20001227	

Priority Applications (No Type Date): US 2000752585 A 20001227; US 2000659215 A 20000911

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20020032634	A1	15	G06F-017/60	CIP of application	US 2000659215

Abstract (Basic): US 20020032634 A1

NOVELTY - A list of items being **auctioned** among group of members having similar information sources, interests, **characteristics** and pre-existing relationships is accessed. A request including one of the items and **bidding** price is generated from a member. The member receives a response from the owner of one of the items, corresponding to generated request.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for online **auction** platform providing system.

USE - For providing online live **auction** platform in distributed virtual network such as Internet, wireless networks such as GSM, CDMA, TDMA, PHS wireless networks applied to any **auction** environment, where communities of members are merged using relationships with other members.

ADVANTAGE - Members of the linked communities are in control of the **rules** and conditions governing interactions in the linked **auction** communities. Community information can be segregated into public and non-public storage areas with item level control of the information. **Auction** items have high affinity with the background of the possible bidders so that **auction** items are more appreciated. Emphasizes more on person-to-person interaction in the online actions and hence eliminates need for middle broker.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of networked communication system for implementing online **auction** platform providing method.

pp; 15 DwgNo 1/8

Title Terms: LIVE; **AUCTION**; PLATFORM; PROVISION; METHOD; DISTRIBUTE; VIRTUAL; NETWORK; RECEIVE; RESPOND; OWNER; ITEM; REQUEST; GENERATE; MEMBER; GROUP; SIMILAR; CHARACTERISTIC

Derwent Class: T01; W01; W02

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/39 (Item 27 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014591781 \*\*Image available\*\*

WPI Acc No: 2002-412485/200244

**Realtime online used car bidding method using character information**

Patent Assignee: LEE C H (LEEC-I)

Inventor: LEE C H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001114043	A	20011229	KR 200033955	A	20000620	200244 B

Priority Applications (No Type Date): KR 200033955 A 20000620

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001114043	A	1	G06F-017/60	

Abstract (Basic): KR 2001114043 A

NOVELTY - An online used car bidding method is provided to reduce time waste according to a graphic transmission by providing a detailed text information on a used car excluding its graphic information, and to enable a user to participate in a bid regardless of time and space by providing the user with the information on a used car rapidly using e-mails as well as a wireless character transmission service.

DETAILED DESCRIPTION - A user online accesses to Internet(S1), logs on to an intermediation site(S3), and then inputs information on a car to be sold by the user as a text information(S4). The intermediation site processes the inputted information(S5) and transmits the processed information to bid participants(S6). Each of the bid participants receives the information and transmits bid details according to an intention to bid based on the received information(S7). The intermediation site compares and analyzes all of the received bid details(S8) and notifies a bidder and a seller of the bid results(S9).

pp; 1 DwgNo 1/10

Title Terms: CAR; BID; METHOD; CHARACTER; INFORMATION

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/40 (Item 28 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014585071 \*\*Image available\*\*

WPI Acc No: 2002-405775/200243

XRPX Acc No: N02-318596

**Profile-based pricing e.g. for Internet auctions , utilizes dynamically updated profiles in an auction system in order to allow auctions to incorporate additional factors into its rules**

Patent Assignee: COMMERCE ONE (COON-N)

Inventor: RAMESH B

Number of Countries: 095 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200241112	A2	20020523	WO 2001US45794	A	20011114	200243 B
AU 200220124	A	20020527	AU 200220124	A	20011114	200261

Priority Applications (No Type Date): US 2000249671 P 20001117

Bode Akintola13-May-04

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200241112 A2 E 21 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200220124 A G06F-000/00 Based on patent WO 200241112

Abstract (Basic): WO 200241112 A2

NOVELTY - Method for providing profile-based pricing in an online **auction** , includes: retrieving a set of **rules** governing online **auction** from a **rules** database, the **rules** includes a **rule** involving a profile field; accessing profiles for initiator and for each of the bidders from a profile database, each of the profiles has profile fields; gathering information regarding initiator or bidders with regard to profile fields in the profiles by using an information collection unit; dynamically updating profile fields in the profiles by using information gathered from the information collection unit and combining it with **rules** from the set of **rules** governing the online **auction** .

DETAILED DESCRIPTION - INDEPENDENT CLAIM included for the following: method for determining which of the potential bidders may be allowed to participate; method for providing multi-variable online **auction** ; apparatus for providing profile-based pricing; apparatus for determining which of the potential bidders may be allowed to participate; apparatus for providing multi-variable online **auction** ; program storage device

USE - For Internet **auctions** .

ADVANTAGE - Dynamically updates profiles for an initiator and bidders in an online **auction** allows pricing or other **auction** variables to be altered during or after an **auction** to be adjusted based on information gathered with regard to profile fields in the profiles. Additionally, limits can be dynamically set as to who can participate in an **auction** using the information in the profiles. Multi-variable **bidding** maybe accomplished by applying weights to certain variables at the end of an **auction** along with any modifications outlined in any relevant profile fields in order to determine a winner or winners of the **auction** .

DESCRIPTION OF DRAWING(S) - The diagram shows a web-based **auction** system

**auction** engine (2)

profile processing unit (6)

pp; 21 DwgNo 1/3

Title Terms: PROFILE; BASED; PRICE; **AUCTION** ; UTILISE; DYNAMIC; UPDATE;  
PROFILE; **AUCTION** ; SYSTEM; ORDER; ALLOW; **AUCTION** ; INCORPORATE; ADD;  
FACTOR; **RULE**

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

13/5/41 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014374707 \*\*Image available\*\*

WPI Acc No: 2002-195410/200225

Bode Akintola13-May-04



XRPX Acc No: N02-148489

Bidding on multiple auctions e.g. for the Internet, where the bidder is directed to automatic bidding at multiple auctions in accordance with bidding techniques that are specified by the bidder

Patent Assignee: AMAZON.COM INC (AMAZ-N)

Inventor: KUMAR S

Number of Countries: 094 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200171453	A2	20010927	WO 2001US8310	A	20010316	200225 B
AU 200149209	A	20011003	AU 200149209	A	20010316	200225

Priority Applications (No Type Date): US 2000531703 A 20000320

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200171453 A2 E 41 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200149209 A G06F-000/00 Based on patent WO 200171453

Abstract (Basic): WO 200171453 A2

NOVELTY - Method for **bidding** on multiple **auctions** allows a user to define various models for **bidding** at multiple **auctions**. The **bidding** system then **automatically** places **bids** on behalf of the user. The **bidding** **rules** may specify to win at most one of multiple **auctions** at the lowest price or to **bid** at an **auction** only if successful at **bidding** at another **auction**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following: method in a computer system for inputting multiple **auction bidding** requirements; computer system; computer-readable medium

USE - For the Internet.

ADVANTAGE - Allows a bidder to direct **automatic bidding** at multiple **auctions** in accordance with **bidding** techniques that are specified by the bidder. To direct the **automatic bidding**, the **bidding** system allows the bidder to specify the **auctions** at which the **bids** may be placed. The **bidding** system also allows the bidder to specify the **bidding** technique that should be used when **bidding** at the specified **auctions** on the bidder's behalf. For example, one **bidding** technique may be to evaluate **auctions** for similar items and to place a **bid** at the **auction** with the lowest current **bid** whenever the last **bid** is outbid.

DESCRIPTION OF DRAWING(S) - The diagram shows the components of multiple **auction** system

server engine (04)

**auction** component (05)

pp; 41 DwgNo 4/15

Title Terms: **BID**; **MULTIPLE**; **AUCTION**; **DIRECT**; **AUTOMATIC**; **BID**; **MULTIPLE**; **AUCTION**; **ACCORD**; **BID**; **TECHNIQUE**; **SPECIFIED**

Derwent Class: T01

International Patent Class (Main): G06F-000/00

File Segment: EPI

13/5/42 (Item 30 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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Bode Akintola13-May-04

014357277      \*\*Image available\*\*

WPI Acc No: 2002-177978/200223

**Reward program and its execution method by using auction and electronic commerce over Internet**

Patent Assignee: JUNG S H (JUNG-I)

Inventor: JUNG S H

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001025278	A	20010406	KR 200072773	A	20001202	200223    B

Priority Applications (No Type Date): KR 200072773 A 20001202

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001025278	A	1	G06F-017/6003	

Abstract (Basic): KR 2001025278 A

NOVELTY - A reward program and its execution method is provided to reward a set ratio of a profit obtained from an **auction** and an electronic commerce, and integrate the reward management of the profit, the recommender and the purchase over the Internet.

DETAILED DESCRIPTION - The method comprises steps of enabling the users to choose one between a pay member or a free member when the users subscribe for the service site, rewarding the purchase of the member when the member buys a commodity by cash, rewarding the successful **bidding** when the member wins the **bidding** in the **auction**, and distributing a set ratio of the profit made in operating the service site, for example an electronic commerce or an **auction**, to the pay members. In the method, the member information are separately stored in the pay member management database and the free member management database. The reward **policy** is a kind of a multiple stage marketing method so it can increase the number of the members and the revenue of the service site.

pp; 1 DwgNo 1/10

Title Terms: REWARD; PROGRAM; EXECUTE; METHOD; **AUCTION** ; ELECTRONIC

Derwent Class: T01

International Patent Class (Main): **G06F-017/6003**

File Segment: EPI

**13/5/43      (Item 31 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014325523      \*\*Image available\*\*

WPI Acc No: 2002-146225/200219

**Method for auctioning character over online network**

Patent Assignee: KIM J S (KIMJ-I)

Inventor: KIM J S

Number of Countries: 001    Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001085069	A	20010907	KR 200145831	A	20010730	200219    B

Priority Applications (No Type Date): KR 200145831 A 20010730

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001085069	A	1	G06F-017/60	

Abstract (Basic): KR 2001085069 A

NOVELTY - An online character auction method is provided to enable a user to receive an account from an online game provider, to generate a character on the account, to grow the character via an online game, and to transact the grown game with others over the network.

DETAILED DESCRIPTION - The method comprises the steps of enabling an online game member to register a character on an auction site, generating a list record with a current owner, a game provider, an ID and a password, and generating a state check record for checking a possibility to be listed on an auction market(204-212), updating the list record and listing the **character** in the case that it is possible to list the **character**, enabling users to make a **bid** on the **character** at a price more than a current price(232-241), selecting a user offering the highest **bid** price for the **character**, enabling the successful bidder to pay for the **character** within the time set, and transferring an ownership of the character to the successful bidder while depositing the payment money at a cyber account of the character seller.

pp; 1 DwgNo 1/10

Title Terms: METHOD; CHARACTER; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/44 (Item 32 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014283602

WPI Acc No: 2002-104303/200214

**Device for developing intermediate service system of building and re-bid method**

Patent Assignee: KIM M W (KIMM-I)

Inventor: KIM M W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
KR 2001079007	A	20010822	KR 200130929	A	20010601	200214 B

Priority Applications (No Type Date): KR 200130929 A 20010601

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
KR 2001079007	A		G06F-017/60	

Abstract (Basic): KR 2001079007 A

NOVELTY - A device for developing intermediate service system of a building and a re- **bid** method are provided to show a cyber **character**, a delicate design, a price, a warranty deed, and a shape after a completion of a construction in advance at a low price and rapidly when a construction is received or ordered at on-line.

DETAILED DESCRIPTION - A user inputs one's credit number and resident registration number, address, name, one's property state etc. in a client member registration page view for joining to a membership of a homepage before a bid registration. If the user inputs and clicks a new construction remodeling, a renovation, an interior, and total sample of a building in a client demanding space using a sample inherent number, the system shows the related sample and an inherent number in a site view. If the user clicks model inherent numbers according to samples in order, moving pictures are shown. If the user

inputs a standard sample and confirms an inherent number, an area amount, a height, a material, a color, a design, and construction expenses of wanted construction field, the site transmits a detail drawing, specifications, an estimate to the client through an E-mail.

DwgNo 0/0

Title Terms: DEVICE; DEVELOP; INTERMEDIATE; SERVICE; SYSTEM; BUILD; BID; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/45 (Item 33 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014261764 \*\*Image available\*\*

WPI Acc No: 2002-082462/200211

Related WPI Acc No: 2002-608120

XRPX Acc No: N02-061473

**Document drafting system for processing intellectual property assets, displays relationship between one or more text portions in document graphically and files text input into document according to specified sequence**

Patent Assignee: TRAN B Q (TRAN-I)

Inventor: TRAN B Q

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010049707	A1	20011206	US 2000185644	A	20000229	200211 B
			US 2001792828	A	20010224	

Priority Applications (No Type Date): US 2000185644 P 20000229; US 2001792828 A 20010224

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010049707	A1	25	G06F-017/24	Provisional application	US 2000185644

Abstract (Basic): US 20010049707 A1

NOVELTY - The system includes several screens to receive text input. An electronic agent is provided to review text input, to apply diagnostic **rules** to text input and to generate zero or more diagnostic messages. A visualization system is coupled to one screen for graphically displaying relationship between one or more text portions in document. The text input is filed into document according to predetermined sequence.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for intellectual property (IP) system.

USE - For processing intellectual property assets in e-business, finance, commercial banking, etc., through Internet.

ADVANTAGE - Supports real time and interactive **auction** that allows bidders place **bids** in real time and compete with other bidders around the world. Allows user to draft their own applications rapidly and accurately. Eliminates cost and delay of physically handling, processing and delivering patent applications. Enhances patenting process and simplifies control of operation by user.

DESCRIPTION OF DRAWING(S) - The figure shows the environment for processing intellectual property assets.

pp; 25 DwgNo 1/6

Title Terms: DOCUMENT; DRAFT; SYSTEM; PROCESS; INTELLIGENCE; PROPERTIES;

DISPLAY; RELATED; ONE; MORE; TEXT; PORTION; DOCUMENT; GRAPHICAL; FILE;  
TEXT; INPUT; DOCUMENT; ACCORD; SPECIFIED; SEQUENCE  
Derwent Class: T01  
International Patent Class (Main): G06F-017/24  
File Segment: EPI

13/5/46 (Item 34 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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014241878 \*\*Image available\*\*  
WPI Acc No: 2002-062578/200208  
XRPX Acc No: N02-046447

**Conducting conditional auctions in a computerized multiple-commodity auction and managing bids of the introduced format in an efficient manner**

Patent Assignee: ANDERSSON A (ANDE-I); WILLMAN M (WILL-I); YGGE F (YGGE-I)  
Inventor: ANDERSSON A; WILLMAN M; YGGE F

Number of Countries: 096 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200190985	A1	20011129	WO 2001SE1093	A	20010517	200208 B
AU 200158997	A	20011203	AU 200158997	A	20010517	200221

Priority Applications (No Type Date): US 2000648326 A 20000825; US  
2000205403 P 20000519

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200190985	A1	E	48	G06F-017/60	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200158997	A			G06F-017/60	Based on patent WO 200190985
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Abstract (Basic): WO 200190985 A1

NOVELTY - The **auction rules** are determined by the seller or **auctioneer** and are made public to bidders, 101, bidders are invited to express their **bids**, 102, an objective function together with a number of constraints are determined, 103, 104 from the **rules** and the **bids** and the best **bids** are determined by solving a winner determination problem using a suitable algorithm (105). The bidders are then informed and the commodities are reallocated accordingly.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a computer server with stored software implementing the **auction**.

USE - Conducting conditional **auctions**.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram of the steps taken in the **auction**.

pp; 48 DwgNo 1/4

Title Terms: CONDUCTING; CONDITION; **AUCTION**; MULTIPLE; COMMODITY;

**AUCTION**; MANAGE; **BID**; INTRODUCING; FORMAT; EFFICIENCY; MANNER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/47 (Item 35 from file: 350)

Bode Akintola13-May-04

DIALOG(R)File 350:Derwent WPIX  
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014205352 \*\*Image available\*\*

WPI Acc No: 2002-026049/200203

XRPX Acc No: N02-020080

**Interactive demand management of various buyers by scanning a database of listings of goods or services and grouping together similar goods or services**

Patent Assignee: AMERICAN EXPRESS TRAVEL RELATED SERVICES (AMEX-N); BERKLEY J M (BERK-I); BIRBARA L (BIRB-I); BOYLE E J (BOYL-I); CONTRATTO D (CONT-I); CORBETT P (CORB-I); GONZALES M (GONZ-I); HAND R (HAND-I); LEVINE T (LEVI-I)

Inventor: BERKLEY J; BIRBARA L; BOYLE E J; CONTRATTO D; CORBETT P; GONZALEZ M; HAND R; LEVINE T; LEVIN T; BERKLEY J M; GONZALES M

Number of Countries: 096 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200179961	A2	20011025	WO 2001US11458	A	20010405	200203 B
AU 200153268	A	20011030	AU 200153268	A	20010405	200219
EP 1240576	A2	20020918	EP 2001926755	A	20010405	200269
			WO 2001US11458	A	20010405	
MX 2001012506	A1	20020801	WO 2001US11458	A	20010405	200367
			MX 200112506	A	20011204	
US 20030208436	A1	20031106	US 2000194611	P	20000405	200374
			US 2001827031	A	20010405	

Priority Applications (No Type Date): US 2000194611 P 20000405; US 2001827031 A 20010405

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200179961 A2 E 28 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200153268 A G06F-000/00 Based on patent WO 200179961

EP 1240576 A2 E G06F-001/00 Based on patent WO 200179961

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR

MX 2001012506 A1 G06F-000/00 Based on patent WO 200179961

US 20030208436 A1 G06F-017/60 Provisional application US 2000194611

Abstract (Basic): WO 200179961 A2

NOVELTY - System scans database with plural travel itineraries, step 102, determines itineraries which can be grouped together, step 104 and presents group to various suppliers, step 106. If supplier wants to book group, **bid** is placed, step 108 and system determines optimal **bid**, step 110, meeting criteria set out in **rules** associated with itineraries, before optimum acceptable **bid** is selected and each itinerary is booked by winning supplier, step 112.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for apparatus for conducting an **auction**.

USE - Conducting a reverse **auction** using an interactive demand management system.

ADVANTAGE - Aggregation of demands in certain fields.

DESCRIPTION OF DRAWING(S) - The drawing is a flow chart of the operation.

pp; 28 DwgNo 1/2

Bode Akintola13-May-04

Title Terms: INTERACT; DEMAND; MANAGEMENT; VARIOUS; BUY; SCAN; DATABASE;  
GOODS; SERVICE; GROUP; SIMILAR; GOODS; SERVICE  
Derwent Class: T01  
International Patent Class (Main): G06F-000/00 ; G06F-001/00 ;  
G06F-017/60  
File Segment: EPI

13/5/48 (Item 36 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014197084 \*\*Image available\*\*  
WPI Acc No: 2002-017781/200202  
XRPX Acc No: N02-014162

**Market system for promotion of innovations to efficient public policy  
using a series of hierarchical negotiations and auctions for proper  
right to receive a portion of the savings**

Patent Assignee: GAMBLE J L (GAMB-I)  
Inventor: GAMBLE J L  
Number of Countries: 092 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200188806	A1	20011122	WO 2001US14465	A	20010505	200202 B
AU 200159485	A	20011126	AU 200159485	A	20010505	200222
EP 1287465	A1	20030305	EP 2001933018	A	20010505	200319
			WO 2001US14465	A	20010505	

Priority Applications (No Type Date): US 2000565354 A 20000505

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200188806 A1 E 62 G06F-017/60

Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200159485 A G06F-017/60 Based on patent WO 200188806

EP 1287465 A1 E G06F-017/60 Based on patent WO 200188806

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200188806 A1

NOVELTY - Innovators (11), special interest groups (12),  
constituents (13), politicians (14) and government enterprises (15)  
interface through a public **policy auction** system (20) over the  
Internet (30), while the public (10) may also access the system. The  
purpose of the **auction** is to replicate competitive forces and  
incentives between buyers and sellers and includes penalties to force  
combination and pooling of **bids**.

DETAILED DESCRIPTION - AN INDEPENDENT CLAIM is included for a  
method for providing an incentive for development and legislative  
adaptation of new efficient public **policies**.

USE - Promotion of innovations to efficient public **policies**.

ADVANTAGE - Replicating competitive forces and incentives between  
buyers and sellers.

DESCRIPTION OF DRAWING(S) - The drawing shows the system

Innovators (11)

Special interest groups (12)

Constituents (13)  
Politicians (14)  
Public **policy auction** (20)  
pp; 62 DwgNo 1/29  
Title Terms: MARKET; SYSTEM; PROMOTE; INNOVATIONS; EFFICIENCY; PUBLIC;  
SERIES; HIERARCHY; **AUCTION** ; PROPER; RIGHT; RECEIVE; PORTION; SAVE  
Derwent Class: T01  
International Patent Class (Main): **G06F-017/60**  
File Segment: EPI

**13/5/49** (Item 37 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014179903 \*\*Image available\*\*  
WPI Acc No: 2002-000600/200201  
XRPX Acc No: N02-000406

**Auction method by evaluating received bids or bid strategies in environment that is not accessible by auctioneer and providing result to bidders**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )  
Inventor: PERRIG A; SMITH S W; SONG D  
Number of Countries: 002 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10114188	A1	20011018	DE 1014188	A	20010323	200201 B
JP 2001357252	A	20011226	JP 2001104762	A	20010403	200206

Priority Applications (No Type Date): US 2000542780 A 20000404

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10114188	A1		12	G06F-017/60	
JP 2001357252	A		13	G06F-017/60	

Abstract (Basic): DE 10114188 A1

NOVELTY - The method involves receiving instructions from an **auctioneer** to enable an **auction** specification that provides **rules** for the **auction** . An **auction** identifier is produced that is connected to the **auction** specification. A number of **bids** or **bid** strategies are received that are connected to the **auction** identifier. The received **bids** or **bid** strategies are evaluated in an environment that is not accessible by the **auctioneer** . An **auction** result is provided to the bidders based on the evaluation.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for a secure **auction** market, a method of executing an **auction** , a product including a computer-usable medium, a machine-readable program storage unit, and a computer program product.

USE - Eg. For electronic **auctioning** of oil fields, property, art etc.

ADVANTAGE - Secure.

DESCRIPTION OF DRAWING(S) - The drawing is a block diagram representing the method.

pp; 12 DwgNo 1/5

Title Terms: **AUCTION** ; METHOD; EVALUATE; RECEIVE; **BID** ; **BID** ;  
ENVIRONMENT; ACCESS; RESULT  
Derwent Class: P85; T01  
International Patent Class (Main): **G06F-017/60**  
International Patent Class (Additional): G09C-001/00  
File Segment: EPI; EngPI



13/5/50 (Item 38 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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014172842 \*\*Image available\*\*  
WPI Acc No: 2001-657070/200175  
Related WPI Acc No: 1998-495418  
XRPX Acc No: N01-489784

**Automated auction for energy providers and buyers uses moderating computer to transmit and receive bids from energy suppliers**

Patent Assignee: GEOPHONIC NETWORKS INC (GEOP-N); US GOVERNMENT (USGO )  
Inventor: COYLE W F; JOHNSON J J  
Number of Countries: 088 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200175756	A1	20011011	WO 2001US8639	A	20010404	200175 B
AU 200150869	A	20011015	AU 200150869	A	20010404	200209
US 20030023540	A2	20030130	US 2000542451	A	20000404	200311
			US 200262798	A	20020131	
US 6598029	B1	20030722	US 9739041	P	19970224	200354
			US 9764421	P	19971030	
			US 9823968	A	19980213	
			US 2000542451	A	20000404	

Priority Applications (No Type Date): US 2000542451 A 20000404; US 200262798 A 20020131; US 9739041 P 19970224; US 9764421 P 19971030; US 9823968 A 19980213

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200175756	A1	E	99	G06F-017/60	
Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW					
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW					
AU 200150869	A			G06F-017/60	Based on patent WO 200175756
US 20030023540	A2			G06F-017/60	Cont of application US 2000542451
US 6598029	B1			G06F-017/60	Provisional application US 9739041 Provisional application US 9764421 CIP of application US 9823968 CIP of patent US 6047274

Abstract (Basic): WO 200175756 A1

NOVELTY - Moderating computer receives **bids** and transmits them to other energy suppliers who can adjust **bids** depending on whether they wish to encourage or discourage additional energy supply to particular geographic area.

DETAILED DESCRIPTION - Method consists in formulating a request for energy supply delivery at a future time and transmitting it to a moderating computer which sends the request to energy providers. These send a response with economic incentive data to the computer which then sends the relevant incentive or derivative data to buyers and providers using decision **rules**. The buyer transmits the request by entering the data into a software defined template and the computer posts processed requests on a computer bulletin board. The provider responds to requests by entering data in a second software defined template There are INDEPENDENT CLAIMS for (1) a **bidding** moderator for an automated **auction**, (2) a method of billing a buyer for energy used, (3) a method

of managing energy provision.

USE - **Auction** is for providing energy supplies such as electrical power and natural gas.

DESCRIPTION OF DRAWING(S) - The figure shows shared data links between different entities in the system.

pp; 99 DwgNo 1/16

Title Terms: AUTOMATIC; **AUCTION** ; ENERGY; BUY; MODERATE; COMPUTER;  
TRANSMIT; RECEIVE; **BID** ; ENERGY; SUPPLY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

International Patent Class (Additional): G01R-011/56; G01R-021/133;  
**G06F-017/00**

File Segment: EPI

**13/5/51 (Item 39 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014141097

WPI Acc No: 2001-625308/200172

XRPX Acc No: N01-466067

**Transactions facilitating method for buyers to enter into national and/or international trade transactions with sellers involves bidding over Internet**

Patent Assignee: VLINX.COM INC (VLIN-N)

Inventor: EGHdami K O; ING A; PHILLIPS D W

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200144994	A2	20010621	WO 2000CA1189	A	20001006	200172 B
AU 200077664	A	20010625	AU 200077664	A	20001006	200172

Priority Applications (No Type Date): US 99464280 A 19991215

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200144994 A2 E 144 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TZ UG ZW

AU 200077664 A G06F-017/60 Based on patent WO 200144994

Abstract (Basic): WO 200144994 A2

NOVELTY - A group of customers e.g. seller and shipping agent, offer to provide a product or service. Customers bid for offered product or service over Internet. Winning bids selected and it is arranged that product or service is provided to winning bidders

DETAILED DESCRIPTION - The members of the group may be chosen from a list including: seller, insurer, shipper, inspector, financier, and escrow agent. The offer presented may include terms dependent on a **bid** received. The terms of offer may depend on a **characteristic** or preference of a bidder. AN INDEPENDENT CLAIM is made for:

(a) Stored computer software to implement described method.

(b) A system for facilitating transactions;

(c) An apparatus for facilitating transactions;

(d) A server running a program for a web-based service for buyers to enter into national and international transactions.

USE - As a method of implementing international trade using the Internet

ADVANTAGE - Provides an efficient way of enabling and coordinating interactions between trading parties.

pp; 144 DwgNo 0/38

Title Terms: TRANSACTION; FACILITATE; METHOD; BUY; ENTER; NATION; INTERNATIONAL; TRADE; TRANSACTION; BID

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/52 (Item 40 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014132111 \*\*Image available\*\*

WPI Acc No: 2001-616322/200171

Related WPI Acc No: 2001-408797

XRPX Acc No: N01-459741

**Interactive business process setting-up method in transportation industry, involves allowing user to create user definable business process by accepting definition instructions from user**

Patent Assignee: FULTON INT CORP (FULT-N)

Inventor: QI-BIN B; SHAO W; SUN J J; SUN K; ZHANG J; ZHANG Y

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200169485	A1	20010920	WO 2001US4770	A	20010214	200171 B
AU 200138272	A	20010924	AU 200138272	A	20010214	200208

Priority Applications (No Type Date): US 2000649830 A 20000829; US 2000189104 P 20000314

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200169485 A1 E 103 G06F-017/60

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200138272 A G06F-017/60 Based on patent WO 200169485

Abstract (Basic): WO 200169485 A1

NOVELTY - An user is allowed to create a user definable business process by accepting definition instructions including **rules**, roles to be taken by system users and data fields containing information for a business process from the user. The accessibility of certain information within the data fields is a function of time and system authority.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) Method for defining an interactive business process;
- (b) Apparatus for defining an interactive business process;
- (c) Method for performing a business process;
- (d) System for performing a business process;
- (e) Method for automating communication between business users;
- (f) Apparatus for automating communication between business users;
- (g) Method for conducting interactive business processes;
- (h) Method for evaluating a school admission application;

(i) Method for processing a purchase order;

(j) Method for delivering a product

USE - For conducting interactive business-to-consumer, consumer-to-business, business-to-business and/or person-to-person business processing and communications used in transportation industry processes such as airline ticket reservations, shipping, forwarding, trucking or delivery, in financial industry processes such as on-line banking, lending and borrowing, security exchange, mortgages, or accounting, in educational industry processes such as school admission, grant applications, project management and monitoring, on-line conferencing, homework assignments for school or on-line examinations, in procurement industry processes such as **bidding**, buying, selling or **auctioning** of goods, in retail and service industries processes such as on-line shopping, reservations and confirmation for car rentals, hotels or restaurants, in medical, pharmaceutical and health care industries processes such as clinic visit scheduling or on-line medical expert consulting, in insurance industry processes such as application and approval for insurance and advertising industry.

ADVANTAGE - The distribution of information to various parties to business processes, is automated. A detailed business process is carried out in a structured approach in which various users of the process are kept apprised of the status of the process.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of a central computer system.

pp; 103 DwgNo 2/29

Title Terms: INTERACT; BUSINESS; PROCESS; SET; UP; METHOD; TRANSPORT; INDUSTRIAL; ALLOW; USER; USER; DEFINE; BUSINESS; PROCESS; ACCEPT; DEFINE; INSTRUCTION; USER

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/53 (Item 41 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014131636 \*\*Image available\*\*

WPI Acc No: 2001-615847/200171

XRPX Acc No: N01-459405

**Internet based freight transportation route brokering method involves transmitting bid acceptance from transportation provider to the service computer, in response to reception of bid from server computer**

Patent Assignee: HNAT J W (HNAT-I)

Inventor: HNAT J W

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010025268	A1	20010927	US 2000175612	P	20000111	200171 B
			US 2001758794	A	20010111	

Priority Applications (No Type Date): US 2000175612 P 20000111; US 2001758794 A 20010111

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20010025268	A1	32	G06F-017/60	Provisional application	US 2000175612

Abstract (Basic): US 20010025268 A1

NOVELTY - An available transportation capability of transportation provider (TP) is transmitted to transportation (TB) from server on fulfillment of the preset **rule**. A TB sends a bit for the available

transportation capability of TP to the server. The server forwards the bit to TP, which in turn sends bit acceptance to the server.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for method of brokering a warehouse.

USE - For transportation buyers and providers.

ADVANTAGE - The transportation buyers and providers are engaged in **bidding** or **auctioning** online, to determine a contract price for transportation. Thus, gives both buyers and providers the assurance that the **bid** have been accepted and service will be performed.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of the hardware components of and software modules stored in the central controller.

pp; 32 DwgNo 2/13

Title Terms: BASED; FREIGHT; TRANSPORT; ROUTE; METHOD; TRANSMIT; **BID** ;  
ACCEPT; TRANSPORT; SERVICE; COMPUTER; RESPOND; RECEPTION; **BID** ; SERVE;  
COMPUTER

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/54 (Item 42 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014073019 \*\*Image available\*\*

WPI Acc No: 2001-557232/200162

Related WPI Acc No: 2000-338804; 2001-080053; 2001-625024; 2002-040740;  
2002-040793; 2002-589837

XRPX Acc No: N01-414110

**Auction conducting method in electronic commerce applications, involves conducting auction round by applying predefined rule constructed based on the result of initial auction round**

Patent Assignee: ATKINSON S W (ATKI-I); BERNARD A F (BERN-I); HECKMANN D C (HECK-I); RAGO V F (RAGO-I); RUPP W D (RUPP-I)

Inventor: ATKINSON S W; BERNARD A F; HECKMANN D C; RAGO V F; RUPP W D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20010021923	A1	20010913	US 99252790	A	19990219	200162 B
			US 2000753074	A	20001229	

Priority Applications (No Type Date): US 2000753074 A 20001229; US 99252790 A 19990219

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20010021923	A1	17	G06F-017/60	CIP of application US 99252790 CIP of patent US 6230146

Abstract (Basic): US 20010021923 A1

NOVELTY - An **auction** round is conducted and a **rule** is defined corresponding to the result of conducted **auction** round. Another **auction** round is conducted by applying the predefined **auction rule**.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) **Auction** conducting system;
- (b) Computer readable medium with stored instructions for **auction** conducting method;
- (c) **Bidding** device

USE - For conducting **auctions** of goods and/or services or online **auctions** in electronic commerce (e-commerce) applications.

ADVANTAGE - Enables sponsor to beneficially conduct or **auction** with several **auction** rounds. Hence, highest **bidding** suppliers can be eliminated from each round sequentially and thus enabling the sponsor to purchase all goods from the lowest **bidding** supplier, and attain financial benefit.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic illustration of communication link between coordinator, buyer and suppliers in **auction** system.

pp; 17 DwgNo 2/6

Title Terms: **AUCTION** ; CONDUCTING; METHOD; ELECTRONIC; APPLY; CONDUCTING;  
**AUCTION** ; ROUND; APPLY; PREDEFINED; **RULE** ; CONSTRUCTION; BASED; RESULT;  
INITIAL; **AUCTION** ; ROUND

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

13/5/55 (Item 43 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013981450 \*\*Image available\*\*

WPI Acc No: 2001-465664/200150

XRPX Acc No: N01-345441

**On-line bid management system for automatically managing an auction for determining relative priority for a service in a system, includes checking bids for continuing priority and incrementing bid values to influence priority**

Patent Assignee: WEB MARKETING NU INC (WEBM-N)

Inventor: KONIA B S

Number of Countries: 093 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200155929	A1	20010802	WO 2001US1136	A	20010111	200150 B
AU 200129428	A	20010807	AU 200129428	A	20010111	200174

Priority Applications (No Type Date): US 2000491747 A 20000127

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200155929	A1	E	38	G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200129428 A G06F-017/60 Based on patent WO 200155929

Abstract (Basic): WO 200155929 A1

NOVELTY - At timed intervals, e.g. each quarter day (200), **bids** are checked (208) for all bidders (202) and search engines (204) to determine which **bid** value is highest. **Bids** may be decremented/incremented within user specified limits, the checking and incrementing steps may be executed a number of times (216,222,224) to achieve desired positions.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for a vendor inventory control system.

USE - For use in on-line **auctions** to determine relative priority

for a service, e.g. **bidding** for Internet search engine key-phrases where the advertiser with the highest **bid** for a given key-phrase appears first in the list, the second appears second, etc..

ADVANTAGE - The ability to check priorities at specified time intervals and to increment **bids** , provides a system that regularly monitors current rankings and can adjust **bids** according specified **rules** .

DESCRIPTION OF DRAWING(S) - The figure is a flow diagram illustrating a method of on-line **bid** management.

pp; 38 DwgNo 2/12

Title Terms: LINE; **BID** ; MANAGEMENT; SYSTEM; AUTOMATIC; MANAGE; **AUCTION** ; DETERMINE; RELATIVE; PRIORITY; SERVICE; SYSTEM; CHECK; **BID** ; CONTINUE; PRIORITY; INCREMENT; **BID** ; VALUE; INFLUENCE; PRIORITY

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/56 (Item 44 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013967058 \*\*Image available\*\*

WPI Acc No: 2001-451272/200148

Related WPI Acc No: 2001-441185; 2001-451269; 2001-638742

XRPX Acc No: N01-334168

**Computerized auction system using multiple purchase media with different program units to receive and display bids according to a particular program allowing use of different media types and currencies**

Patent Assignee: SCHOENECKERS INC (SCHO-N)

Inventor: BINZEN S; JACK J M

Number of Countries: 026 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200122321	A2	20010329	WO 2000US25777	A	20000921	200148 B
EP 1218840	A2	20020703	EP 2000965200	A	20000921	200251
			WO 2000US25777	A	20000921	

Priority Applications (No Type Date): US 2000637728 A 20000811; US 99155282 P 19990921

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200122321	A2	E	62	G06F-017/60	
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Designated States (National): CA

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 1218840	A2	E		G06F-017/60	Based on patent WO 200122321
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): WO 200122321 A2

NOVELTY - An **auction** server (204) provides web pages to and receives input from a client web browser (202) and can maintain an **auction** database (210) of items available for **bidding** . The start **auction** process continually monitors an **auction** table of the database and denomination maintenance functions are performed by back-end services (208) also providing product category functions.

DETAILED DESCRIPTION - An incentive reward system (206) implements **rules** of incentive rewards and a participant supplies personal details and then goes to the **auction** page showing **bid** items, time remaining

and the current **bid** , while the **auction** server calculates conversions between different media types and currencies.

INDEPENDENT CLAIMS are included for methods for displaying **auction bid** data and for updating **auction bid** data and for a computer readable medium with instructions.

USE - Computerized **auction bidding** using different purchase media.

ADVANTAGE - Providing **auction** services using multiple media types.

DESCRIPTION OF DRAWING(S) - The drawing is a diagram illustrating the system

**Auction** server (204)  
Web browser (202)  
**Auction** database (210)  
Back-end services (208)  
Reward system (206)  
pp; 62 DwgNo 2/13

Title Terms: COMPUTER; **AUCTION** ; SYSTEM; MULTIPLE; PURCHASE; MEDIUM;  
PROGRAM; UNIT; RECEIVE; DISPLAY; **BID** ; ACCORD; PROGRAM; ALLOW; MEDIUM;  
TYPE

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/57 (Item 45 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013824792

WPI Acc No: 2001-309004/200133

XRPX Acc No: N01-221107

**Universal electronic information network authentication system and method**

Patent Assignee: HAN M (HANM-I)

Inventor: HAN M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1283827	A	20010214	CN 2000123530	A	20000818	200133 B

Priority Applications (No Type Date): CN 2000123530 A 20000818

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CN 1283827	A		G06F-015/163	

Abstract (Basic): CN 1283827 A

NOVELTY - A universal authentication system and method for electronic information network features use of client/server mode to ensure the network information security. It is **characterised** by that user accounting plus cipher for authentication, network signature and authentication, transmission of 128- **bid** random key(s) between users, electronic seal, high-security information sharing, and monodirectional orbidirectional authentication between two users.

DwgNo 0/0

Title Terms: UNIVERSAL; ELECTRONIC; INFORMATION; NETWORK; AUTHENTICITY;  
SYSTEM; METHOD

Derwent Class: T01

International Patent Class (Main): **G06F-015/163**

International Patent Class (Additional): **G06F-013/14 ; G06F-017/30**

File Segment: EPI



13/5/58 (Item 46 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013752472

WPI Acc No: 2001-236684/200125  
Related WPI Acc No: 2000-305384  
XRPX Acc No: N01-169326

Computer implemented auction process in which bids are entered and accepted if only one bid is offered for an item which is determined by finding if a non-empty set of objects is minimal in the winning set of a bidder

Patent Assignee: AUSUBEL L (AUSU-I)  
Inventor: AUSUBEL L  
Number of Countries: 025 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1054336	A2	20001122	EP 2000304195	A	20000518	200125 B

Priority Applications (No Type Date): US 99134666 P 19990518

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1054336	A2	E	26	G06F-017/60	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic): EP 1054336 A2

NOVELTY - Oil shipped into different locations or licensing rights to perform an activity a different locations or securities having different durations or goods with slightly different characteristics making them only imperfect substitutes may be **auctioned** by computer using **rules** established for the purpose. Goods are sold to a bidder if there is only one **bid** for the item in question and the computer may continue the **bidding** rounds until each item to be **auctioned** has received only a single **bid** in a given **auction** round.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for a computer implementing an **auction** process.

USE - Conducting **auctions** .

ADVANTAGE - The **auction** is conducted efficiently because the **rules** avoid problems such as all identical items selling at a uniform price reached at the end of the **auction** and bidders engaging in demand reduction to manipulate prices.

pp; 26 DwgNo 0/9

Title Terms: COMPUTER; IMPLEMENT; **AUCTION** ; PROCESS; **BID** ; ENTER; ACCEPT; ONE; **BID** ; OFFER; ITEM; DETERMINE; FINDER; NON; EMPTY; SET; OBJECT; MINIMUM; WINNING; SET

Derwent Class: T01; W01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/59 (Item 47 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013507138 \*\*Image available\*\*  
WPI Acc No: 2000-679082/200066  
XRPX Acc No: N00-502740

Competitive bidding rewarding method on-line auction , involves qualifying bidder to receive reward, when his bid is greater than that of remaining bids

Patent Assignee: WALKER DIGITAL LLC (WALK-N)

Inventor: TEDESCO D E; VAN LUCHENE A S; WALKER J S

Number of Countries: 087 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200041108	A1	20000713	WO 99US23901	A	19991014	200066 B
AU 200012044	A	20000724	AU 200012044	A	19991014	200066

Priority Applications (No Type Date): US 98223901 A 19981231

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200041108	A1	E 46	G06F-017/60	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200012044	A		G06F-017/60	Based on patent WO 200041108
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Abstract (Basic): WO 200041108 A1

NOVELTY - The product for **bidding** is identified and the **bid** for product is received from a bidder, during **auction** session. When the **bid** from bidder is greater than that of remaining **bids** , it is determined whether the bidder is qualified to receive a reward, based on the reward **rule** . If the bidder is qualified, an indication is transmitted to the bidder.

DETAILED DESCRIPTION - The reward includes value of currency, supplement to bit, rebate on the product, amount of frequent flier miles, secondary product, service and warranty for the product, etc.

INDEPENDENT CLAIMS are also included for the following:

- (a) method of providing penalty to bidder;
- (b) method of participation in **auction** session;
- (c) apparatus for rewarding bidder;
- (d) apparatus for providing penalty to bidder;
- (e) program product

USE - For rewarding bidder in on line **auction** environment during sale of luxury items, antiques or high ticket items via LAN; WAN, internet, intranet, public telephone exchange system, etc.

ADVANTAGE - Encourages competitive **bidding** and discourages unreasonable bit submission by providing reward or penalty to bidder.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart illustrating the steps performed by **auction** server.

pp; 46 DwgNo 9/10

Title Terms: COMPETE; **BID** ; METHOD; LINE; **AUCTION** ; QUALIFY; RECEIVE; REWARD; **BID** ; GREATER; REMAINING; **BID**

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/60 (Item 48 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013203194 \*\*Image available\*\*

WPI Acc No: 2000-375067/200032

Bode Akintola13-May-04

Related WPI Acc No: 2002-443424; 2002-582650

XRPX Acc No: N00-281645

**Real time network based exchanging method of goods and services, involves concluding and clearing negotiation between seller and purchaser using exchange processor**

Patent Assignee: AUCTION SOURCE LLC (AUCTION-N)

Inventor: ODOM J M; YELICH S D

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6058379	A	20000502	US 97891633	A	19970711	200032 B

Priority Applications (No Type Date): US 97891633 A 19970711

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6058379	A	17	G06F-017/60	

Abstract (Basic): US 6058379 A

NOVELTY - The commodity for exchange is identified by the seller and a mode of operation for exchanger is specified. A purchaser accesses the network based exchange. An exchange processor processes information comprising a negotiation between seller and purchaser, generated by purchaser. The negotiation between seller and purchaser is concluded and concluded negotiation is cleared by exchange processors.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for computer system.

USE - For goods transaction such as monetary exchanges, stock markets, supermarkets, gas stations, flea market, swap meets, etc via Internet and WWW.

ADVANTAGE - Enables a seller to intervene at any time during exchange process. As filtering of bid information is provided, compliance with predetermined criteria, is enabled and unnecessary use of system resources is avoided. Enables classification and categorization of items to be exchanged to enable various search techniques and facilitates location of items of interest. Provides improved graphical presentation of exchange information such as current and past **bid** information. Provides advanced client side functionalities and capabilities including artificial intelligence and agents style **behavior**.

DESCRIPTION OF DRAWING(S) - The figure shows the exchange and bidding processes.

pp; 17 DwgNo 2, 5/8

Title Terms: REAL; TIME; NETWORK; BASED; EXCHANGE; METHOD; GOODS; SERVICE; CLEAR; NEGOTIATE; PURCHASE; EXCHANGE; PROCESSOR

Derwent Class: T01

International Patent Class (Main): **G06F-017/60**

File Segment: EPI

**13/5/61 (Item 49 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013166931 \*\*Image available\*\*

WPI Acc No: 2000-338804/200029

Related WPI Acc No: 2001-080053; 2001-522234; 2001-557232; 2001-625024; 2002-040740; 2002-040793; 2002-589837

XRPX Acc No: N00-254336

**Online bidding auction conducting method, involves extending closing time of secondary lot, when extended closing time of primary lot precedes**

Bode Akintola13-May-04

that of secondary lot by less than preset time interval

Patent Assignee: FREEMARKETS INC (FREE-N); FREE MARKETS ONLINE INC (FREE-N)  
; FREEMARKETS ONLINE INC (FREE-N)

Inventor: ALAIA M; BECKER D J; BERNARD A F; HECKMANN D C; KINNEY S E;  
MEAKAM G T; RAGO V E; RENEAU J; ROBERTS F W; RUPP W D; STEVENS R G;  
MEAKEM G T; RAGO V F

Number of Countries: 090 Number of Patents: 018

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200017797	A1	20000330	WO 99US21600	A	19990917	200029	B
AU 9963929	A	20000410	AU 9963929	A	19990917	200035	
US 6199050	B1	20010306	US 98101141	A	19980918	200115	
			US 98110846	A	19981204		
			US 99252790	A	19990219		
			US 99311556	A	19990514		
US 6216114	B1	20010410	US 98101141	A	19980918	200122	
			US 98110846	A	19981204		
			US 99252790	A	19990219		
			US 99311557	A	19990514		
US 6223167	B1	20010424	US 98101141	A	19980918	200125	
			US 98110846	A	19981204		
			US 99252790	A	19990219		
			US 99311559	A	19990514		
US 6230146	B1	20010508	US 98101141	A	19980918	200128	
			US 98110846	A	19981204		
			US 99252790	A	19990219		
US 6230147	B1	20010508	US 98101141	A	19980918	200128	
			US 98110846	A	19981204		
			US 99252790	A	19990219		
			US 99311555	A	19990514		
EP 1114384	A1	20010711	EP 99951498	A	19990917	200140	
			WO 99US21600	A	19990917		
EP 1122667	A2	20010808	EP 99951498	A	19990917	200146	
			EP 2001111702	A	19990917		
EP 1122668	A2	20010808	EP 99951498	A	19990917	200146	
			EP 2001111703	A	19990917		
EP 1122669	A2	20010808	EP 99951498	A	19990917	200146	
			EP 2001111712	A	19990917		
US 20010027434	A1	20011004	US 99311557	A	19990514	200161	N
			US 2001828731	A	20010409		
US 20010032173	A1	20011018	US 99252790	A	19990219	200166	
			US 2001832381	A	20010411		
US 20010037285	A1	20011101	US 99311559	A	19990514	200168	N
			US 2001832408	A	20010411		
US 20020046148	A1	20020418	US 99252790	A	19990219	200228	
			US 99311555	A	19990514		
			US 2001832437	A	20010411		
US 6408283	B1	20020618	US 98101141	A	19980918	200244	
			US 98110846	A	19981204		
			US 99252790	A	19990219		
			US 99311582	A	19990514		
JP 2002525760	W	20020813	WO 99US21600	A	19990917	200267	
			JP 2000571387	A	19990917		
US 6499018	B1	20021224	US 98101141	A	19980918	200303	
			US 98110846	A	19981204		
			US 99252790	A	19990219		
			US 99311558	A	19990514		

Priority Applications (No Type Date): US 99252790 A 19990219; US 98101141 P 19980918; US 98110846 P 19981204; US 99311556 A 19990514; US 99311557 A 19990514; US 99311559 A 19990514; US 99311555 A 19990514; US 2001828731 A 20010409; US 2001832381 A 20010411; US 2001832408 A 20010411; US

2001832437 A 20010411; US 99311582 A 19990514; US 99311558 A 19990514

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200017797	A1	E	69	G06F-017/60	Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW
AU 9963929	A			G06F-017/60	Based on patent WO 200017797
US 6199050	B1			G06F-015/30	Provisional application US 98101141 Provisional application US 98110846 Div ex application US 99252790
US 6216114	B1			G06F-017/60	Provisional application US 98101141 Provisional application US 98110846 Div ex application US 99252790
US 6223167	B1			G06F-017/60	Provisional application US 98101141 Provisional application US 98110846 Div ex application US 99252790
US 6230146	B1			G06F-017/60	Provisional application US 98101141 Provisional application US 98110846
US 6230147	B1			G06F-017/60	Provisional application US 98101141 Provisional application US 98110846 Div ex application US 99252790
EP 1114384	A1	E		G06F-017/60	Based on patent WO 200017797 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1122667	A2	E		G06F-017/60	Div ex application EP 99951498 Div ex patent EP 1114384 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1122668	A2	E		G06F-017/60	Div ex application EP 99951498 Div ex patent EP 1114384 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
EP 1122669	A2	E		G06F-017/60	Div ex application EP 99951498 Div ex patent EP 1114384 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
US 20010027434	A1			G06F-017/60	Cont of application US 99311557 Cont of patent US 6216114
US 20010032173	A1			G06F-017/60	Cont of application US 99252790 Cont of patent US 6230146
US 20010037285	A1			G06F-017/60	Cont of application US 99311559 Cont of patent US 6223167
US 20020046148	A1			G06F-017/60	Div ex application US 99252790 Cont of application US 99311555 Div ex patent US 6230146 Cont of patent US 6230147
US 6408283	B1			G06F-015/30	Provisional application US 98101141 Provisional application US 98110846 Div ex application US 99252790
JP 2002525760	W		93	G06F-017/60	Based on patent WO 200017797
US 6499018	B1			G06F-015/30	Provisional application US 98101141 Provisional application US 98110846 Div ex application US 99252790

Abstract (Basic): WO 200017797 A1

NOVELTY - The closing time of primary lot is extended by an incremental amount of time, upon the occurrence of specific lot

extension criterion related to the received **bids** . The closing time of secondary lot is extended when the closing time of primary lot precedes the closing time of secondary lot by less than specific time interval.

DETAILED DESCRIPTION - Initially, primary and secondary lots having at least one product defined at least on part by a buyer are offered to several potential sellers. Then, closing time for primary and secondary lots is defined, such that the **bids** for respective lots are to be submitted by the potential sells before the corresponding closing times. The closing time for secondary lot is being later than that for primary lot by preset time interval. INDEPENDENT CLAIMS are also included for the following:

(a) **bidding** method in **auction** between buyer and potential sellers;

(b) program for conducting online **bidding** electronic **auctions**

USE - For conducting online **bidding** electronic **auctions** for industrial purchasers and also between buyer and several potential sellers.

ADVANTAGE - Enables flexible dynamic alterations of market closing times, line item decision **rules** , **auction** pause, bidder-specific **bid** limits and to detect and prevent erroneous **bids** . The amount of overtime added each time to relevant new **bid** can be adjusted to suit the complexity and size of the market lots involved in the **bidding** event, thereby permitting bidders to have more overtime respond to each new **bid** when the commodity complexity or market lot size require additional **bid** calculation time.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic illustration of elements and entities involved in the **auction** process.

pp; 69 DwgNo 1/15

Title Terms: **BID** ; **AUCTION** ; CONDUCTING; METHOD; EXTEND; CLOSE; TIME; SECONDARY; LOT; EXTEND; CLOSE; TIME; PRIMARY; LOT; PRECEDE; SECONDARY; LOT; LESS; PRESET; TIME; INTERVAL

Derwent Class: T01

International Patent Class (Main): **G06F-015/30** ; **G06F-017/60**

File Segment: EPI

**13/5/62** (Item 50 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012933325 \*\*Image available\*\*

WPI Acc No: 2000-105172/200009

XRPX Acc No: N00-080799

**Computer implemented resource and policies allocating method for digital processing system**

Patent Assignee: MEREL P A (MERE-I)

Inventor: MEREL P A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6006194	A	19991221	US 97942176	A	19971001	200009 B

Priority Applications (No Type Date): US 97942176 A 19971001

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6006194	A	13	G06F-017/60	

Abstract (Basic): US 6006194 A

NOVELTY - Computer software identifies several client computers.

Bode Akintola13-May-04

Several tokens are issued to each client computer. The software transfers control of tokens from a served computer to a serving computer for performing services. The client computers **bid** their tokens for possible preferences of an **auction** to establish a winning. All tokens **bid** in the **auction** are recycled to the respective client computers.

USE - For digital processing system.

ADVANTAGE - After the **bidding** term, the tokens are recycled back to the respective client computers, so the client computers are always assured of not permanently losing their franchises that are associated with their respective commissions.

DESCRIPTION OF DRAWING(S) - The figure shows the flowchart for allocating services and resources.

pp; 13 DwgNo 4/5

Title Terms: COMPUTER; IMPLEMENT; RESOURCE; ALLOCATE; METHOD; DIGITAL; PROCESS; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/63 (Item 51 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012813645 \*\*Image available\*\*

WPI Acc No: 1999-619876/199953

XRPX Acc No: N99-457165

**Vehicle data exchange system for automobile sales industry**

Patent Assignee: SCHAUKOWITCH C (SCHA-I); SERETTI H (SERE-I)

Inventor: SCHAUKOWITCH C; SERETTI H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5978776	A	19991102	US 97885175	A	19970630	199953 B

Priority Applications (No Type Date): US 97885175 A 19970630

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5978776	A		10	G06F-017/60	

Abstract (Basic): US 5978776 A

NOVELTY - Computer terminals (12a-12f) are linked through a processor (14). The vehicular characteristic data are input to terminal (12a) and processor makes data to display on terminals (12b-12d). Vehicular financial data is input to terminal (12b), an alarm alerts the operator that vehicular characteristics data are input. The processor makes the financial data to display on terminal (12a).

DETAILED DESCRIPTION - The **characteristic** data of vehicle includes the model, make year of vehicle while the financial data include the **bid** price amount, an assessment price amount, a wholesale price amount and retail price amount. An INDEPENDENT CLAIM is also included for vehicular data exchange method.

USE - For automobile sales industries.

ADVANTAGE - The vehicular data exchange system enables the dealer and customer to rapidly and conveniently acquiring information regarding the vehicles and hence minimizes the need for automobile wholesalers. As the data display on selected terminals, the system eliminates the improper usage of time and resources.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic diagram of

vehicle data exchange system.  
Computer terminals (12a-12f)  
Processor (14)  
pp; 10 DwgNo 1/5  
Title Terms: VEHICLE; DATA; EXCHANGE; SYSTEM; AUTOMOBILE; SALE; INDUSTRIAL  
Derwent Class: T01  
International Patent Class (Main): G06F-017/60  
File Segment: EPI

13/5/64 (Item 52 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012804267 \*\*Image available\*\*  
WPI Acc No: 1999-610497/199952  
XRPX Acc No: N99-449813

**Advertisement information access management method in internet**

Patent Assignee: AT & T CORP (AMTT )  
Inventor: HANSON B L; HUBER K M  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5974398	A	19991026	US 97838863	A	19970411	199952 B

Priority Applications (No Type Date): US 97838863 A 19970411

**Patent Details:**

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5974398	A	25	G06F-017/60	

Abstract (Basic): US 5974398 A

NOVELTY - The computed bid values related to retained advertiser, are transmitted from network to user. The selected bid value corresponding to selected advertiser is received from user and advertising message related to selected advertiser is transmitted from network to user, for display. A reward corresponding to selected bid value is offered to user, based on the selected advertiser.

DETAILED DESCRIPTION - The advertiser's maximum and minimum bids for absentee bidding, are received at the network side. The user profile and two user characteristic specifications associated with respective advertiser, on the network are accessed. The user characteristics from the user profile is compared with that from advertiser specification. If one of two selected advertisers has a maximum bid less than the first highest maximum bid, the corresponding advertiser is dropped from bidding. If the selected advertiser has a maximum bid greater than the second highest minimum bid, then the corresponding advertiser is retained in the bidding. An INDEPENDENT CLAIM is also included for advertisement information access management system in internet.

USE - For access management of advertisement information for online, interactive information and entertainment services in network such as internet, telephone, cable television, direct television, satellite communication and radio frequency communication networks, and also for tennis bulletin board.

ADVANTAGE - The database uses customer interest profiles and online service usage data to identify particular user characteristic to advertisers. The advertiser can also interact directly with the online service platform, for e.g. by interacting with a human representative of the online service, or automatically using conventional automated response platforms. Enables usage of conventional procedures for storing and retrieving from databases. The value of the offer or bid



auctioned to the user can be established based on the user's income or age.

DESCRIPTION OF DRAWING(S) - The figure shows the online advertising service in internet.

pp; 25 DwgNo 12/15

Title Terms: ADVERTISE; INFORMATION; ACCESS; MANAGEMENT; METHOD

Derwent Class: T01

International Patent Class (Main): G06F-017/60

File Segment: EPI

13/5/65 (Item 53 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012337582

WPI Acc No: 1999-143689/199913

XRPX Acc No: N99-104448

Group type answer-competition buying electronic system - has matrix scanning preemptive answer back unit formed from m line signal lines, n column signal lines and m x m preemptive answer switches

Patent Assignee: LIANG Y (LIAN-I)

Inventor: CHEN B; HU Z; LIANG Y

Number of Countries: 084 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CN 1198556	A	19981111	CN 98112380	A	19980312	199913 B
WO 9946705	A1	19990916	WO 99CN35	A	19990312	199946
AU 9927105	A	19990927	AU 9927105	A	19990312	200006

Priority Applications (No Type Date): CN 98112380 A 19980312

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
CN 1198556	A		1	G06F-019/00	
AU 9927105	A			G06F-017/60	Based on patent WO 9946705
WO 9946705	A1	C		G06F-017/60	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ UG ZW

Abstract (Basic): CN 1198556 A

The system includes a computer, interface control card, preemptive answer back unit control circuit and matrix scanning preemptive answer back unit. The interface control card is formed from bus buffer circuit, decoding circuit, line scanning control circuit and interface. The preemptive answer back unit control circuit is formed from line scanning driving circuit, column signal input circuit and interface. The matrix scanning preemptive answer back unit is formed from m line signal lines, n column signal lines and m x m preemptive answer switches.

USE - The cluster group type preemptive answering electronic system for auctions .

ADVANTAGE - The invented system can simultaneously monitor several ten or up to a hundred preemptive answer back units, and can instantly and accurately judge valid bid or rules -broken invalid bid , and these can be displayed on TV or/and large screen.

Title Terms: GROUP; TYPE; ANSWER; COMPETE; BUY; ELECTRONIC; SYSTEM; MATRIX; SCAN; ANSWER; BACK; UNIT; FORMING; LINE; SIGNAL; LINE; N; COLUMN; SIGNAL;

Bode Akintola13-May-04

LINE; ANSWER; SWITCH  
Derwent Class: T01; T05; W01  
International Patent Class (Main): G06F-017/60 ; G06F-019/00  
File Segment: EPI

13/5/66 (Item 54 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012020744 \*\*Image available\*\*  
WPI Acc No: 1998-437654/199837  
XRPX Acc No: N98-340924

Method of evaluating building material in construction project - involves selecting fitting which connects first and second items based on entered characteristics and producing bid amount based at least in part on cost of first item, second item, and fitting

Patent Assignee: QUICKPEN INT CORP (QUIC-N)  
Inventor: BROUGHTON W C; HOSLER R S  
Number of Countries: 081 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9834178	A1	19980806	WO 98US932	A	19980120	199837 B
AU 9860295	A	19980825	AU 9860295	A	19980120	199903
US 5920849	A	19990706	US 97786917	A	19970122	199933

Priority Applications (No Type Date): US 97786917 A 19970122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9834178	A1	E	46	G06F-017/00	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9860295	A	G06F-017/00	Based on patent WO 9834178
US 5920849	A	G06F-017/50	

Abstract (Basic): WO 9834178 A

The method involves entering into the processor at least one characteristic of a first item on the drawing. At least one characteristic of a second item on the drawing is entered into the processor. The processor selects a fitting which connects the first and the second items based on the entered characteristics. A bid amount based at least in part on the cost of the first item, the second item, and the fitting is produced. The entering steps involves entering the cross sectional size and moving the entry device near to the first and the second items to transfer to the processor the length of the items or the area of the items. The information is transferring from the drawings to the processor relating to the positions of the two items relative to each other.

ADVANTAGE - Reduces time and effort required by contractor to produce bid.

Dwg.1/13

Title Terms: METHOD; EVALUATE; BUILD; MATERIAL; CONSTRUCTION; PROJECT; SELECT; FIT; CONNECT; FIRST; SECOND; ITEM; BASED; ENTER; CHARACTERISTIC; PRODUCE; BID; AMOUNT; BASED; PART; COST; FIRST; ITEM; SECOND; ITEM; FIT  
Derwent Class: T01; T02  
International Patent Class (Main): G06F-017/00 ; G06F-017/50

International Patent Class (Additional): G06F-017/60 ; G06G-007/00  
File Segment: EPI

13/5/67 (Item 55 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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008505919 \*\*Image available\*\*  
WPI Acc No: 1991-010003/199102  
XRPX Acc No: N91-007786

**Distributed system for matching bids and offers in trading anomalously -  
uses host computer with transaction data-base and key-stations for  
clients**

Patent Assignee: REUTERS LTD (REUT-N)  
Inventor: KELLER N; SCHOLLDORF A H; SILVERMAN D L  
Number of Countries: 006 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 407026	A	19910109	EP 90305753	A	19900525	199102 B
US 5077665	A	19911231	US 89357036	A	19890525	199204
EP 407026	B1	19951122	EP 90305753	A	19900525	199551
DE 69023705	E	19960104	DE 623705	A	19900525	199606
			EP 90305753	A	19900525	

Priority Applications (No Type Date): US 89357484 A 19890525; US 89357036 A 19890525

Cited Patents: A3...9142; GB 2161003; NoSR.Pub; US 3573747

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 407026	A				
					Designated States (Regional): CH DE FR GB LI
EP 407026	B1 E	28		G06F-017/60	
					Designated States (Regional): CH DE FR GB LI
DE 69023705	E			G06F-017/60	Based on patent EP 407026

Abstract (Basic): EP 407026 A

The system is a distributed one for matching bids from potential buyers with offers from potential sellers in such a way that their requirements are met and they are anonymous until the transaction is completed. There are controllable subsets of a distributable system trading book which are selectively provided to key stations from the host computer.

Alternatively there is a central system for controlled masking of the available trading market. It comprises a host computer for maintaining a host book data base which holds all the active bids and offers in the system, and key stations for making bids and offers for clients.

ADVANTAGE - System allows **automatic** matching of **bids** and offers with anonymity.

Dwg.1/18

Title Terms: DISTRIBUTE; SYSTEM; MATCH; BID; OFFER; TRADE; ANOMALY; HOST; COMPUTER; TRANSACTION; DATA; BASE; KEY; STATION; CLIENT

Derwent Class: T01

International Patent Class (Main): G06F-017/60

International Patent Class (Additional): G06F-015/24

File Segment: EPI

13/5/68 (Item 56 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

008469458      \*\*Image available\*\*  
WPI Acc No: 1990-356458/199048  
XRPX Acc No: N90-272245

**Trading instrument anonymous matching system - uses data base of  
instruments, credit information, and bids present while client sites  
subject to credit limits have best bids only**

Patent Assignee: REUTERS LTD (REUT-N)

Inventor: KELLER N; SILVERMAN D L

Number of Countries: 006 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 399850	A	19901128	EP 90305762	A	19900525	199048 B
US 5136501	A	19920804	US 89357478	A	19890526	199234
EP 399850	B1	19951213	EP 90305762	A	19900525	199603
DE 69024099	E	19960125	DE 624099	A	19900525	199609
			EP 90305762	A	19900525	

Priority Applications (No Type Date): US 89357478 A 19890526

Cited Patents: A3...9137; NoSR.Pub; US 3573747; US 3719927; US 4412287

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 399850	A				
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Designated States (Regional): CH DE FR GB LI

US 5136501	A	29	G06F-015/20
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EP 399850	B1 E	32	G06F-017/60
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Designated States (Regional): CH DE FR GB LI

DE 69024099	E		G06F-017/60	Based on patent EP 399850
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Abstract (Basic): EP 399850 A

Matching system has host computer (20) for anonymously matching active bids and offers in the system, transaction originating key station (24a), a counterparty key station (26b) and a network for connecting these elements.

Both the transaction originating key station (24a) and the counterparty key station (26b) for the potential matching transaction each have a counterparty credit limit with the system (20) blocking completion of potential matching transaction when value is in excess of counterparty credit limit. Credit limits may be conveyed by users (24a, 26b).

USE/ADVANTAGE - Systems where real time prices are subject to real time credit in determining quantity of permissible match.

Dwg.1/20

Title Terms: TRADE; INSTRUMENT; MATCH; SYSTEM; DATA; BASE; INSTRUMENT;  
CREDIT; INFORMATION; BID; PRESENT; CLIENT; SITE; SUBJECT; CREDIT; LIMIT;  
BID

Derwent Class: T01

International Patent Class (Main): G06F-015/20 ; G06F-017/60

International Patent Class (Additional): G06F-015/24 ; G06G-007/52

File Segment: EPI